



LIGHTING PRODUCTS

PRODUCT CATALOGUE

ABOUT US

With a vision to become the global market leader in the lens segment, Optiks Mechatronics has been manufacturing and selling LED optical lighting solutions ever since its inception in 2015.

The philosophy at the core of everything we do is to think different, think big, think future and always incumbent for customer delight.

Founded by Mr. Kapil Kaushik with 25 years of experience in the Lighting & Tooling industry, and Dr. Tanu Sharma with core competency in Optiks Design.

Optiks has always been a place for innovation that is why we started the in-house development of new and optimized LED lenses using latest lighting technology with the aim to provide various ranges of 'Made in India' products of excellent quality.

The management team also includes Mr. Mangat Rai as the Vice President who provides over the development process and responsible for the growth of sales and business development.

We have achieved various milestones of success with the support of our team, our supply partners and most importantly our customer's and for that, we are eternally grateful.

ABOUT US

Together, we have established a state-of-the-art manufacturing unit in Greater Noida where we use advance machinery and latest technology.

Apart from the fully integrated and manufacturing unit, our facilities also consist of a fully-equipped testing lab to inspect every batch thoroughly before packaging, a technology center for innovation and latest product development, and a spacious warehousing area for sale storage of the finished products.

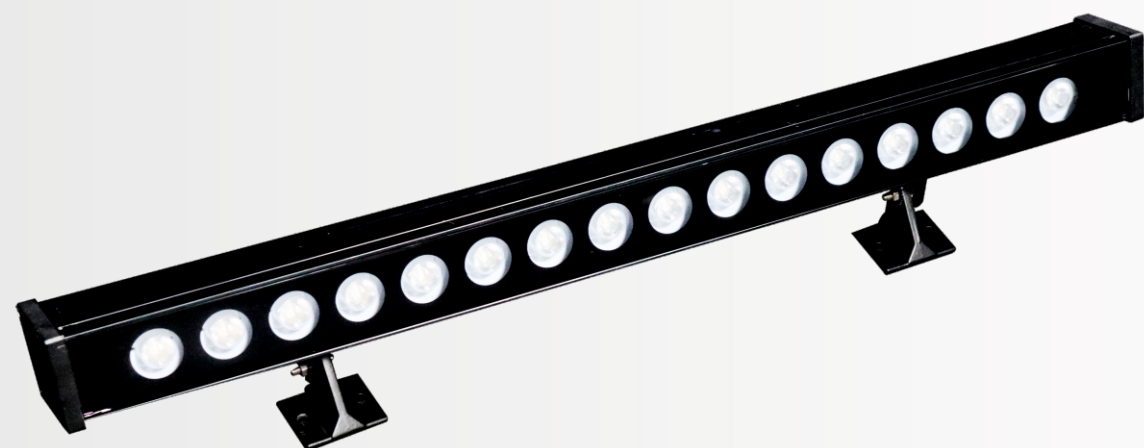
We offer a full-customization option to cater the needs of every client to the best of our potential.

Our highly qualified expert technicians, engineers, researchers and managers ensure that every product is designed as per the customer's need and is evaluated for 100% performance before leaving the unit.

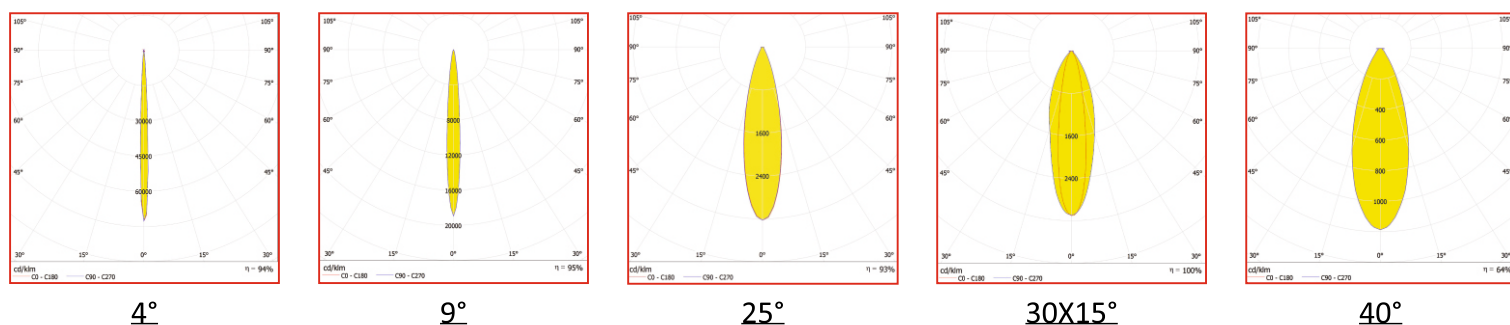
Because of our adherence to perfection, we have been awarded ISO 9001:2015 certification for all of our factories, which further proves that we leave no room for compromise when it comes to optimum quality.

The optiks team firmly commits that we will always maintain fairness in our practices and dedication in our work in order to serve you the best products and keep your trust in us intact for years to come.

MONO / RGBW WALL WASHER



The Mono 2700K ~ 6500K CCT & RGB linear wall washer is a versatile and advanced lighting fixture designed to meet a variety of lighting needs. With its adjustable color temperature (CCT) ranging from warm 2700K to cool 6500K, as well as RGB capabilities, this wall washer offers a broad spectrum of lighting possibilities. Whether you're aiming for a cozy ambiance or dynamic, colorful effects, this fixture provides the flexibility to achieve your desired lighting environment.



TECHNICAL DATA

| ELECTRICAL | |
|---------------------------------------|--|
| LED Wattage (W) | >1-<3W |
| Operation Input Voltage(VAC) | 140-270VAC |
| Operating input frequency range(Hz) | 50-60Hz |
| Total Harmonic Distortion (%) | <15% |
| Power Factor | >0.9 |
| Driver Efficiency | >85% |
| Driver Isolation | Yes |
| Over Voltage protection | Yes |
| Under voltage protection | Yes |
| Short circuit protection | Yes |
| LED Open circuit protection | Yes |
| Surge Protection | 4kv / 6kv |
| Electrical Class | Class I |
| Electromagnetic Compliance (Optional) | EN 55015:2013/A1:2015, EN 61000-4, -3,-4, -5, -6, -8, -11:2014, EN 61000-3 -2, -3:2013 |
| Mode of Operation | Operation by DMX512 RDM based Protocol. |
| OPTICAL | |
| LED | Osram, Seoul, Refond, Lattice Power or Equivalent |
| BIN Details | Highest Lumen Bin |
| Color Temperature (K) | 2700-6500K, RGBW |
| CRI | >70+/-2 |
| Beam Angle@ Chip | 120 deg |

| | |
|--|-----------------------------|
| Optic Material | PC/PMMA |
| Protector | Toughened Glass |
| ENVIRONMENTAL | |
| Working Temp. Range | Up to +45 deg C |
| Working Humidity Range | 0-95% |
| Life of Junction temperature @85 deg C | 60000 hours |
| MECHANICAL | |
| Housing | Aluminium Extrusion |
| IP Rating | IP66 |
| Mounting Clamp | Pressure Die-casting ADC 12 |
| End Clamp | PDC |
| Dimension | 600 mm |

TECHNICAL DATA

| Ordering Code | Power (W) | Voltage (V) | Luminous Flux (lm) | CCT | Beam Angle (Degree) | Luminous Efficacy (lm/W) | CRI |
|--------------------------|-----------|-------------|--------------------|---------------------|---------------------|--------------------------|-------|
| DL464612XXWW 0600XXXX | 12 | 220-230 V | ≥1260 | 2700,4000, 5700K | 10/25/40/Sym/Asym | ≥ 105 | 70/80 |
| DL464612RGBW 0600XXXX | 12 | 220-230 V | ≥600 | RGBW | 10/25/40/Sym/Asym | ≥ 50 | |
| DL464615XXWW 0600XXXX | 15 | 220-230 V | ≥1575 | 2700,4000, 5700K | 10/25/40/Sym/Asym | ≥ 105 | 70/80 |
| DL464615RGBW 0600XXXX | 15 | 220-230 V | ≥750 | RGBW | 10/25/40/Sym/Asym | ≥ 50 | |
| DL464620XXWW 0600XXXX | 20 | 220-230 V | ≥2100 | 2700,4000, 5700K | 10/25/40/Sym/Asym | ≥ 105 | 70/80 |
| DL464620RGBW 0600XXXX | 20 | 220-230 V | ≥1000 | RGBW | 10/25/40/Sym/Asym | ≥ 50 | |
| DL464624XXWW 0600XXXX | 24 | 220-230 V | ≥2520 | 2700,4000, 5700K | 10/25/40/Sym/Asym | ≥ 105 | 70/80 |
| DL464624RGBW 0600XXXX | 24 | 220-230 V | ≥1200 | RGBW | 10/25/40/Sym/Asym | ≥ 50 | |



* Inbuilt IP67 Breather For Operation In High Humid Areas.

RGBW / MONO WALL WASHER



Introducing our state-of-the-art Aluminum Extruded Housing IP66 Mono & RGBW Linear Wall Washer, a cutting-edge lighting solution designed to elevate your architectural and landscape illumination. Crafted with precision and innovation, this fixture is engineered to deliver unparalleled performance and versatility.

TECHNICAL DATA

ELECTRICAL

| | |
|-------------------------------------|------------|
| LED Wattage (W) | >1-<3W |
| Operation Input Voltage(VAC) | 140-270VAC |
| Operating input frequency range(Hz) | 50-60Hz |
| Total Harmonic Distortion (%) | <15% |
| Power Factor | >0.9 |
| Driver Efficiency | >85% |
| Driver Isolation | Yes |
| Over Voltage protection | Yes |
| Under voltage protection | Yes |
| Short circuit protection | Yes |

| | |
|---------------------------------------|--|
| LED Open circuit protection | Yes |
| Surge Protection | 4kv / 6kv |
| Electrical Class | Class 1 I, Class 2US, Class 2 EU |
| Electromagnetic Compliance (Optional) | EN 55015:2013/A1:2015, EN 61000-4, -3,-4, -5, -6, -8, -11:2014, EN 61000-3 -2, -3:2013 |
| Mode of Operation | Operation by DMX512 RDM based Protocol. |

OPTICAL

| | |
|-----------------------|---|
| LED | Osram, Seoul, Refond, Lattice Power or Equivalent |
| BIN Details | Highest Lumen Bin |
| Color Temperature (K) | 2700-6500K, RGBW |
| CRI | >70+/-2 |
| Beam Angle@ Chip | 120 deg |
| Optic Material | PC/PMMA |
| Protector | Toughened Glass |

ENVIRONMENTAL

| | |
|--|-----------------|
| Working Temp.Range | Up to +45 deg C |
| Working Humidity Range | 0-95% |
| Life of Junction temperature @85 deg C | 60000 hours |

MECHANICAL

| | |
|----------------|-----------------------------|
| Housing | Aluminium Extrusion |
| IP Rating | IP66 |
| Mounting Clamp | Pressure Die-casting ADC 12 |
| End Clamp | PDC |

IK Rating

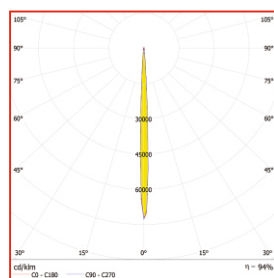
IK07

Dimension

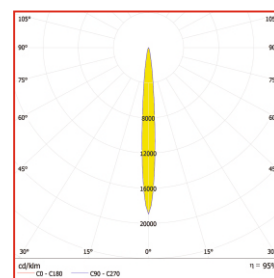
300 mm

TECHNICAL DATA

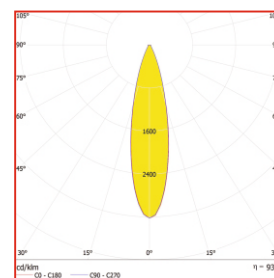
| Ordering Code | Power (W) | Voltage (V) | Luminous Flux (lm) | CCT | Beam Angle (Degree) | Luminous Efficacy (lm/W) | CRI |
|--------------------------|-----------|-------------|--------------------|---------------------|---------------------|--------------------------|-------|
| DL46412XXWW 0300XXXX | 12 | 220-230 V | ≥1260 | 2700,4000, 5700K | 4/10/25/40/Sym/Asym | ≥ 105 | 70/80 |
| DL464612RGBW 0300XXXX | 12 | 220-230 V | ≥600 | RGBW | 10/25/40/Sym/Asym | ≥ 50 | |
| DL464616XXWW 0300XXXX | 16 | 220-230 V | ≥1680 | 2700,4000, 5700K | 4/10/25/40/Sym/Asym | ≥ 105 | 70/80 |
| DL464616RGBW 0300XXXX | 16 | 220-230 V | ≥800 | RGBW | 10/25/40/Sym/Asym | ≥ 50 | |
| DL566016XXWW 0300XXXX | 16 | 220-230 V | ≥1680 | 2700,4000, 5700K | 4/10/25/40/Sym/Asym | ≥ 105 | 70/80 |
| DL566016XXWW 0300XXXX | 16 | 220-230 V | ≥1680 | 2700,4000, 5700K | 4/10/25/40/Sym/Asym | ≥ 105 | 70/80 |



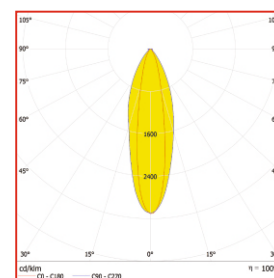
4°



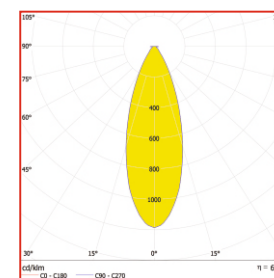
9°



25°



30X15°



40°

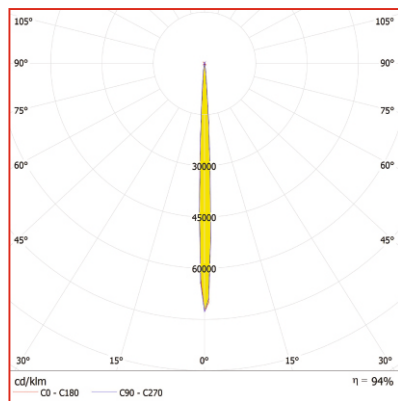


* Inbuilt IP67 Breather For Operation In High Humid Areas.

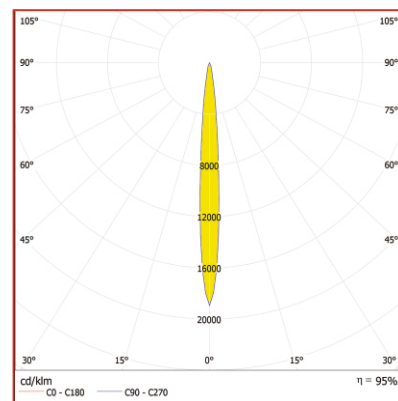
MONO / RGBW WALL WASHER



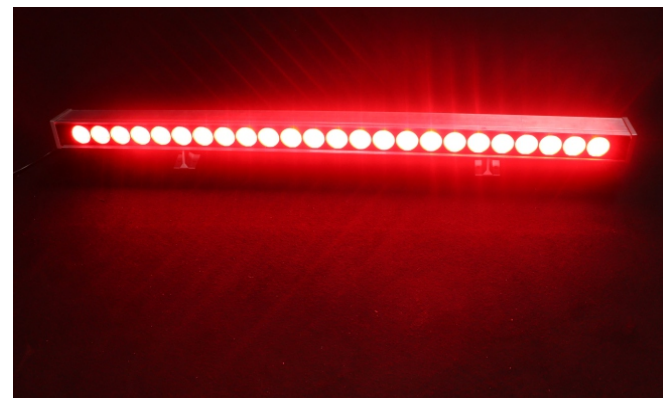
Introducing the cutting-edge and high-performance DMX 512 and RDM-based protocol IP66 Mono & RGBW Linear Wall Washer with the highest lumen output in its class his state-of-the-art lighting fixture is designed to meet the most demanding illumination requirements, offering unparalleled versatility and precision in architectural and entertainment lighting applications.



3°



9°



TECHNICAL DATA

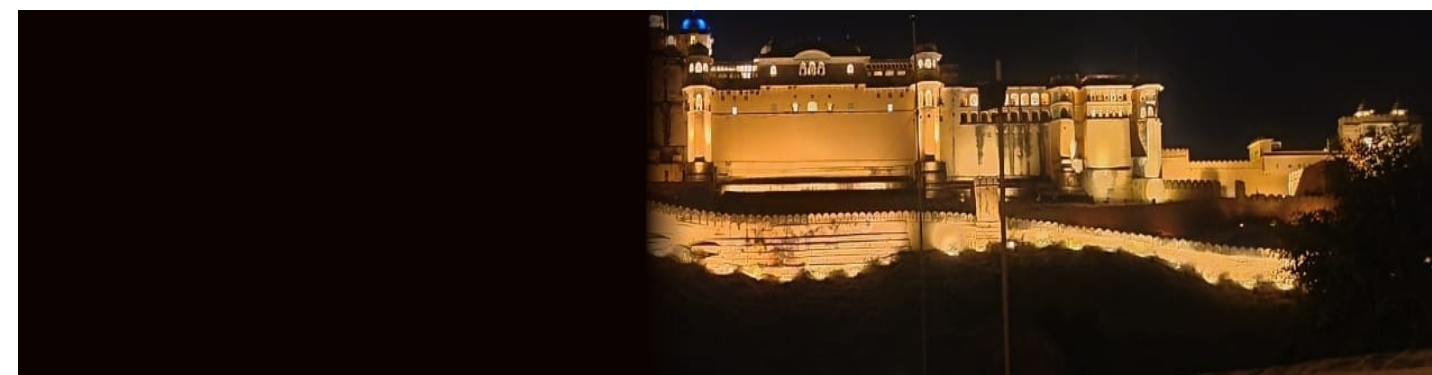
| ELECTRICAL | |
|---------------------------------------|--|
| LED Wattage (W) | >1-<3W |
| Operation Input Voltage(VAC) | 140-270VAC |
| Operating input frequency range(Hz) | 50-60Hz |
| Total Harmonic Distortion (%) | <15% |
| Power Factor | >0.9 |
| Driver Efficiency | >85% |
| Driver Isolation | Yes |
| Over Voltage protection | Yes |
| Under voltage protection | Yes |
| Short circuit protection | Yes |
| LED Open circuit protection | Yes |
| Surge Protection | 4kv / 6kv |
| Electrical Class | Class I |
| Electromagnetic Compliance (Optional) | EN 55015:2013/A1:2015, EN 61000-4, -3,-4, -5, -6, -8, -11:2014, EN 61000-3 -2, -3:2013 |
| Mode of Operation | Operation by DMX512 RDM based Protocol. |
| OPTICAL | |
| LED | Osram, Seoul, Refond, Lattice Power or Equivalent |
| BIN Details | Highest Lumen Bin |
| Color Temperature (K) | 2700-6500K, RGBW |
| CRI | >70+/-2 |
| Beam Angle@ Chip | 120 deg |

| | |
|--|-----------------------------|
| Optic Material | PC/PMMA |
| Protector | Toughened Glass |
| ENVIRONMENTAL | |
| Working Temp.Range | Up to +45 deg C |
| Working Humidity Range | 0-95% |
| Life of Junction temperature @85 deg C | 60000 hours |
| MECHANICAL | |
| Housing | Aluminium Extrusion |
| IP Rating | IP66 |
| Mounting Clamp | Pressure Die-casting ADC 12 |
| End Clamp | PDC |
| Dimension | 1020 mm |

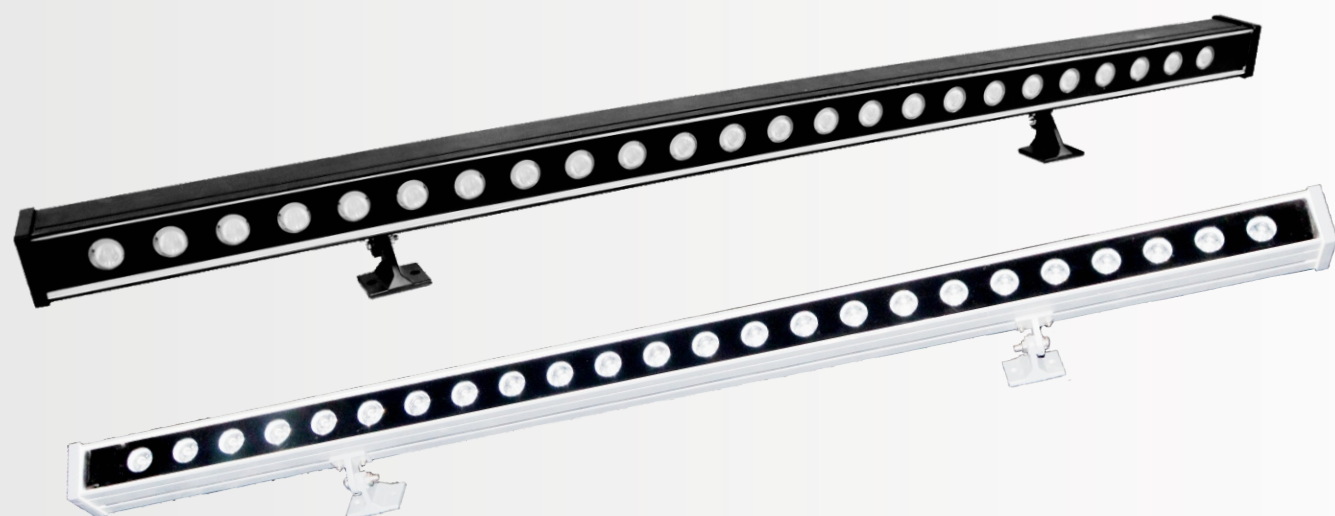
TECHNICAL DATA

| Ordering Code | Power (W) | Voltage (V) | Luminous Flux (lm) | CCT | Beam Angle (Degree) | Luminous Efficacy (lm/W) | CRI |
|--------------------------|-----------|-------------|--------------------|---------------------|---------------------|--------------------------|-------|
| DL566024XXWW 1020XXXX | 24 | 220-230 V | ≥2400 | 2700,4000, 5700K | 4/10/Asym | ≥ 105 | 70/80 |
| DL566024RGBW 1020XXXX | 24 | 220-230 V | ≥1200 | RGBW | 4/10/Asym | ≥ 50 | |
| DL566040XXWW 1020XXXX | 40 | 220-230 V | ≥4000 | 2700,4000, 5700K | 4/10/Asym | ≥ 105 | 70/80 |
| DL566040RGBW 1020XXXX | 40 | 220-230 V | ≥2000 | RGBW | 4/10/Asym | ≥ 50 | |
| DL566060XXWW 1020XXXX | 60 | 220-230 V | ≥6000 | 2700,4000, 5700K | 4/10/Asym | ≥ 105 | 70/80 |
| DL566060RGBW 1020XXXX | 60 | 220-230 V | ≥3000 | RGBW | 4/10/Asym | ≥ 50 | |

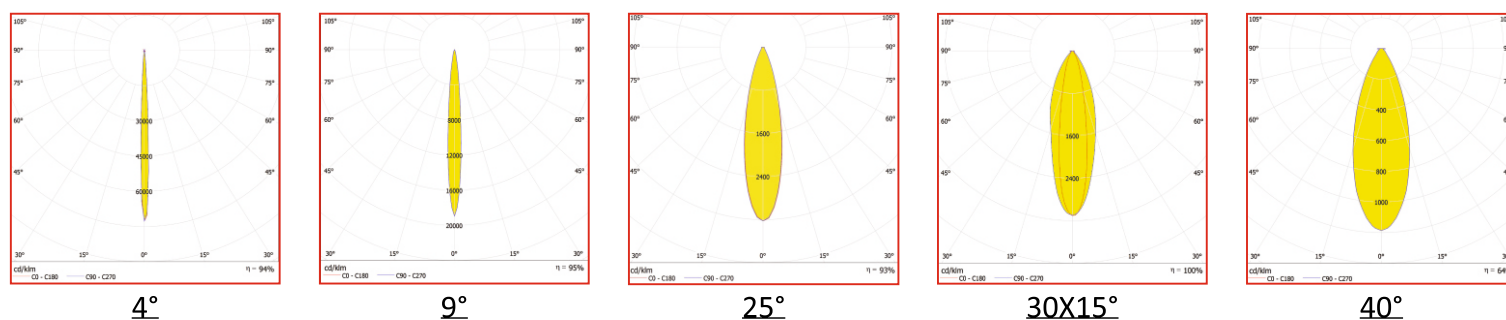
* Inbuilt IP67 Breather For Operation In High Humid Areas.



MONO WALL WASHER



Introducing the cutting-edge IP66 Mono Color Linear Wall Washer, featuring the highest lumen output in its class and a versatile color temperature range from 2700K to 6500K. This state-of-the-art lighting solution is designed to provide exceptional illumination with a beam angle tailored to meet diverse lighting needs.



TECHNICAL DATA

| ELECTRICAL | |
|---------------------------------------|--|
| LED Wattage (W) | >1-<3W |
| Operation Input Voltage(VAC) | 140-270VAC |
| Operating input frequency range(Hz) | 50-60Hz |
| Total Harmonic Distortion (%) | <15% |
| Power Factor | >0.9 |
| Driver Efficiency | >85% |
| Driver Isolation | Yes |
| Over Voltage protection | Yes |
| Under voltage protection | Yes |
| Short circuit protection | Yes |
| LED Open circuit protection | Yes |
| Surge Protection | 4kv / 6kv |
| Electrical Class | Class I |
| Electromagnetic Compliance (Optional) | EN 55015:2013/A1:2015, EN 61000-4, -3,-4, -5, -6, -8, -11:2014, EN 61000-3 -2, -3:2013 |
| Mode of Operation | Operation by DMX512 RDM based Protocol. |
| OPTICAL | |
| LED | Osram, Seoul, Refond, Lattice Power or Equivalent |
| BIN Details | Highest Lumen Bin |
| Color Temperature (K) | 2700-6500K |
| CRI | >70+/-2 |
| Beam Angle@ Chip | 120 deg |

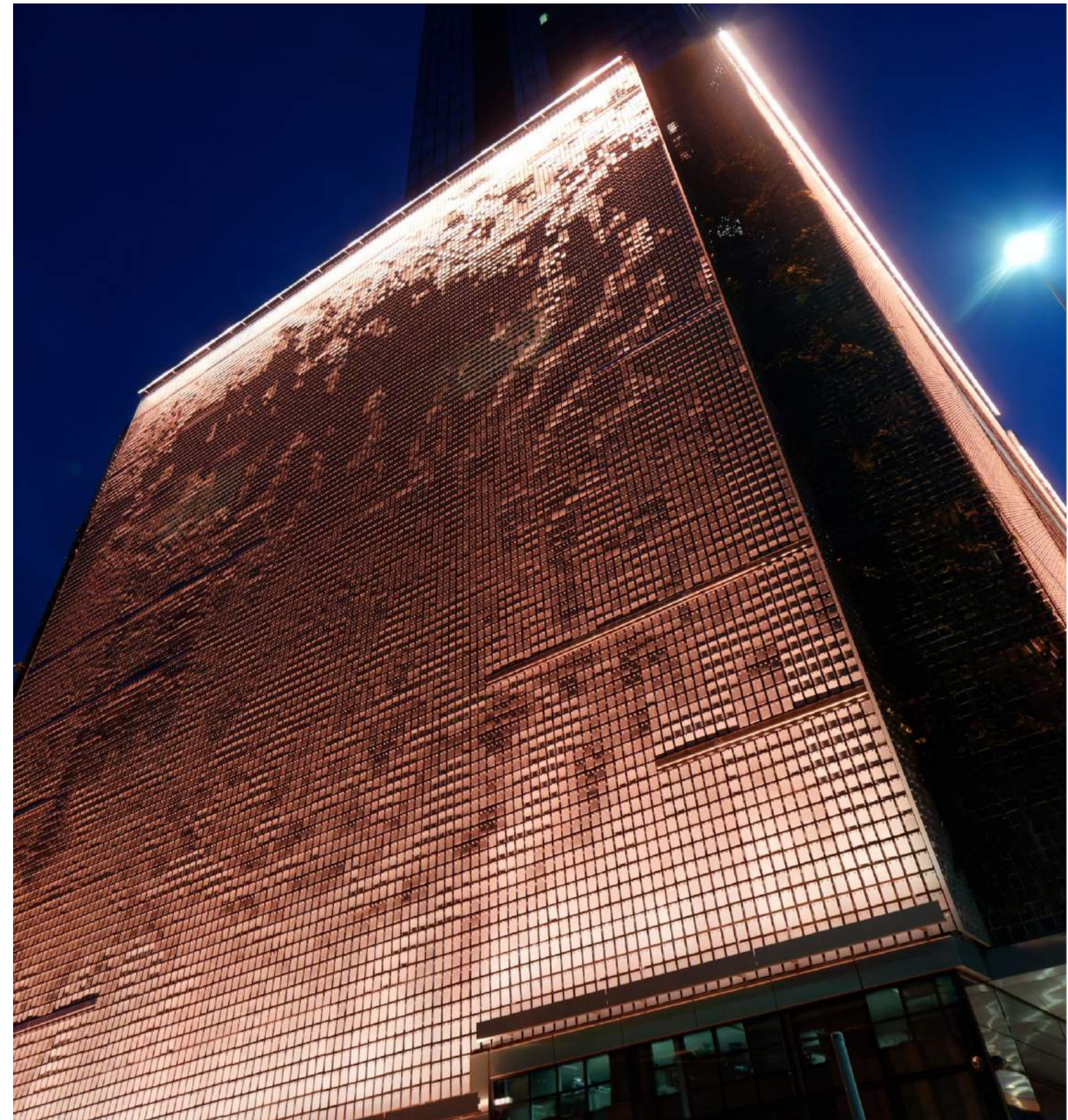
TECHNICAL DATA

| | |
|--|-----------------------------|
| Optic Material | PC/PMMA |
| Protector | Toughened Glass |
| ENVIRONMENTAL | |
| Working Temp. Range | Up to +45 deg C |
| Working Humidity Range | 0-95% |
| Life of Junction temperature @85 deg C | 60000 hours |
| MECHANICAL | |
| Housing | Aluminium Extrusion |
| IP Rating | IP66 |
| IK Rating | IK07 |
| Mounting Clamp | Pressure Die-casting ADC 12 |
| End Clamp | PDC |
| Dimension | 1020 mm |

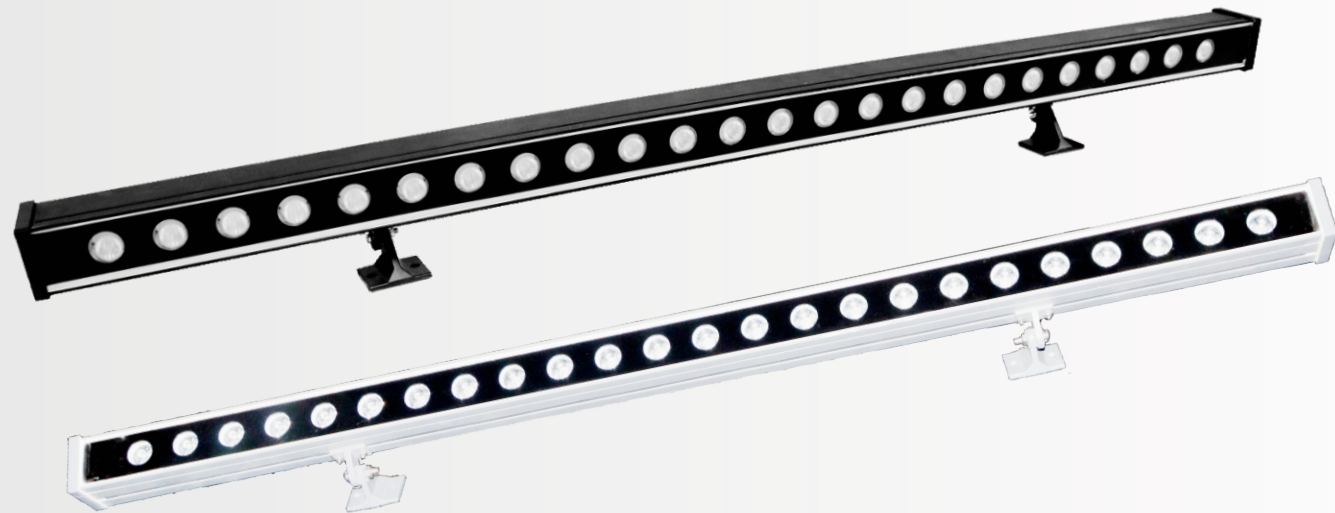
TECHNICAL DATA

| Ordering Code | Power (W) | Voltage (V) | Luminous Flux (lm) | CCT | Beam Angle (Degree) | Luminous Efficacy (lm/W) | CRI |
|--------------------------|-----------|-------------|--------------------|---------------------|---------------------|--------------------------|-------|
| DL464616XXWW 1020XXXX | 16 | 220-230 V | ≥1680 | 2700,4000, 5700K | 4/10/25/40/Sym/Asym | ≥ 105 | 70/80 |
| DL464620XXWW 1020XXXX | 20 | 220-230 V | ≥2100 | 2700,4000, 5700K | 4/10/25/40/Sym/Asym | ≥ 105 | 70/80 |
| DL464624XXWW 1020XXXX | 24 | 220-230 V | ≥2520 | 2700,4000, 5700K | 4/10/25/40/Sym/Asym | ≥ 105 | 70/80 |
| DL464640XXWW 1020XXXX | 40 | 220-230 V | ≥4200 | 2700,4000, 5700K | 4/10/25/40/Sym/Asym | ≥ 105 | 70/80 |
| DL464660XXWW 1020XXXX | 60 | 220-230 V | ≥6300 | 2700,4000, 5700K | 4/10/25/40/Sym/Asym | ≥ 105 | 70/80 |

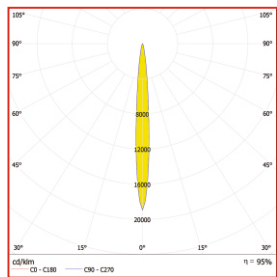
* Inbuilt IP67 Breather For Operation In High Humid Areas.



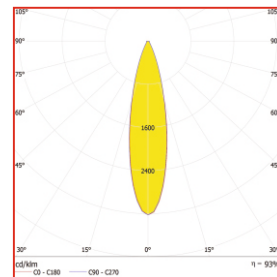
RGBW LED WALL WASHER



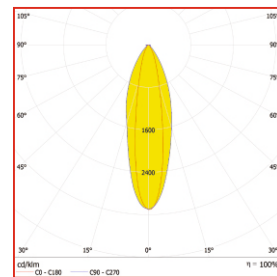
Illuminate your spaces with unparalleled brilliance using our latest innovation - the highest lumen bin DMX/RDM-based linear wall washer. Designed with precision and equipped with advanced features, this lighting solution sets a new standard in architectural lighting



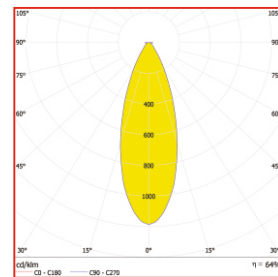
9°



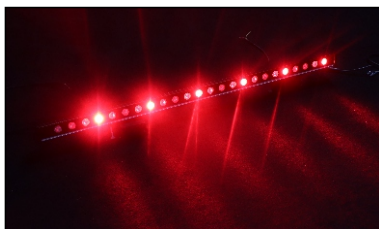
25°



30X15°



40°



TECHNICAL DATA

| ELECTRICAL | |
|---------------------------------------|--|
| LED Wattage (W) | >1-<3W |
| Operation Input Voltage(VAC) | 140-270VAC |
| Operating input frequency range(Hz) | 50-60Hz |
| Total Harmonic Distortion (%) | <15% |
| Power Factor | >0.9 |
| Driver Efficiency | >85% |
| Driver Isolation | Yes |
| Over Voltage protection | Yes |
| Under voltage protection | Yes |
| Short circuit protection | Yes |
| LED Open circuit protection | Yes |
| Surge Protection | 4kv / 6kv |
| Electrical Class | Class I |
| Electromagnetic Compliance (Optional) | EN 55015:2013/A1:2015, EN 61000-4, -3,-4, -5, -6, -8, -11:2014, EN 61000-3 -2, -3:2013 |
| Mode of Operation | Operation by DMX512 RDM based Protocol. |
| OPTICAL | |
| LED | Osram, Seoul, Refond, Lattice Power or Equivalent |
| BIN Details | Highest Lumen Bin |
| Color Temperature (K) | RGBW |
| Beam Angle@ Chip | 120 deg |
| Optic Material | PC/PMMA |

TECHNICAL DATA

| | |
|--|-----------------------------|
| Protector | Toughened Glass |
| ENVIRONMENTAL | |
| Working Temp. Range | Up to +45 deg C |
| Working Humidity Range | 0-95% |
| Life of Junction temperature @85 deg C | 60000 hours |
| MECHANICAL | |
| Housing | Aluminium Extrusion |
| IP Rating | IP66 |
| IK Rating | IK07 |
| Mounting Clamp | Pressure Die-casting ADC 12 |
| End Clamp | PDC |
| Dimension | 1020 mm |

TECHNICAL DATA

| Ordering Code | Power (W) | Voltage (V) | Luminous Flux (lm) | CCT | Beam Angle (Degree) | Luminous Efficacy (lm/W) |
|--------------------------|-----------|-------------|--------------------|------|---------------------|--------------------------|
| DL464616RGBW 1020XXXX | 16 | 220-230 V | ≥800 | RGBW | 10/25/40/Sym/Asym | ≥ 50 |
| DL464620RGBW 1020XXXX | 20 | 220-230 V | ≥1000 | RGBW | 10/25/40/Sym/Asym | ≥ 50 |
| DL464624RGBW 1020XXXX | 24 | 220-230 V | ≥1200 | RGBW | 10/25/40/Sym/Asym | ≥ 50 |
| DL464640RGBW 1020XXXX | 40 | 220-230 V | ≥2000 | RGBW | 10/25/40/Sym/Asym | ≥ 50 |
| DL464660RGBW 1020XXXX | 60 | 220-230 V | ≥3000 | RGBW | 10/25/40/Sym/Asym | ≥ 50 |

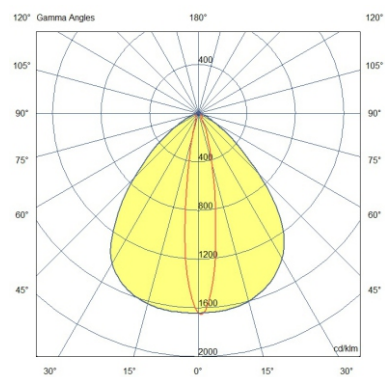
* Inbuilt IP67 Breather For Operation In High Humid Areas.



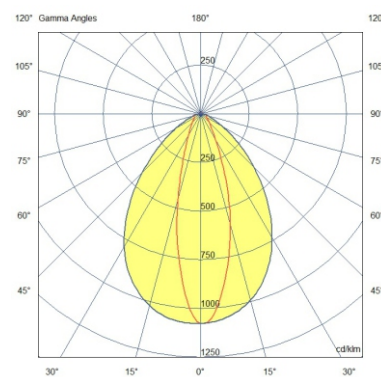
RGBW LED SLIM WALL WASHER



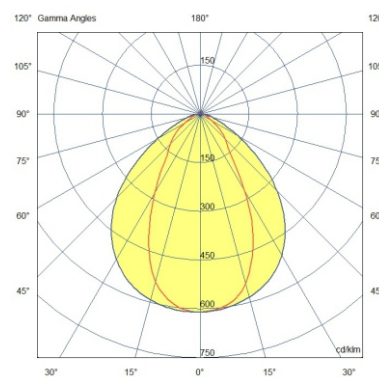
Introducing the pinnacle of lighting technology, our highest lumen bin DMX512/RDM-based LED Slim Wall Washer takes illumination to new heights. Crafted with precision and innovation, this luminaire is designed to elevate any space with its remarkable features .



10X60°



30X80°



60X100°

TECHNICAL DATA

| ELECTRICAL | |
|---------------------------------------|--|
| LED Wattage (W) | >1-<3W |
| Operation Input Voltage(VAC) | 140-270VAC |
| Operating input frequency range(Hz) | 50-60Hz |
| Total Harmonic Distortion (%) | <15% |
| Power Factor | >0.9 |
| Driver Efficiency | >85% |
| Driver Isolation | Yes |
| Over Voltage protection | Yes |
| Under voltage protection | Yes |
| Short circuit protection | Yes |
| LED Open circuit protection | Yes |
| Surge Protection | 4kv / 6kv |
| Electrical Class | Class I |
| Electromagnetic Compliance (Optional) | EN 55015:2013/A1:2015, EN 61000-4, -3,-4, -5, -6, -8, -11:2014, EN 61000-3 -2, -3:2013 |
| Mode of Operation | Operation by DMX512 RDM based Protocol. |
| OPTICAL | |
| LED | Osram, Seoul, Refond, Lattice Power or Equivalent |
| BIN Details | Highest Lumen Bin |
| Color Temperature (K) | RGBW / 3K / 4K / 6K |
| Beam Angle@ Chip | 120 deg |
| Optic Material | PC/PMMA |

TECHNICAL DATA

| | |
|--|-------------------------|
| Protector | Toughened Glass |
| ENVIRONMENTAL | |
| Working Temp. Range | Up to +45 deg C |
| Working Humidity Range | 0-95% |
| Life of Junction temperature @85 deg C | 60000 hours |
| MECHANICAL | |
| Housing | Aluminium Extrusion |
| IP Rating | IP66 |
| IK Rating | IK07 |
| Dimension | 360 mm, 660 mm & 960 mm |

TECHNICAL DATA

| Ordering Code | Power (W) | Voltage (V) | Luminous Flux (lm) | CCT | Beam Angle (Degree) | Luminous Efficacy (lm/W) |
|--------------------------|-----------|-------------|--------------------|------|---------------------|--------------------------|
| DL332140RGBW 1020XXXX | 12 | 220-230 V | ≥800 | RGBW | 10X60/30X80/60X100 | ≥ 40 |
| DL464620RGBW 1020XXXX | 24 | 220-230 V | ≥1200 | RGBW | 10X60/30X80/60X100 | ≥ 40 |
| DL464624RGBW 1020XXXX | 36 | 220-230 V | ≥2400 | RGBW | 10X60/30X80/60X100 | ≥ 80 |
| DL332140XXWW 1000XXXX | 40 | 220-230 V | ≥2400 | 3K | 10X60/30X80/60X100 | ≥ 80 |

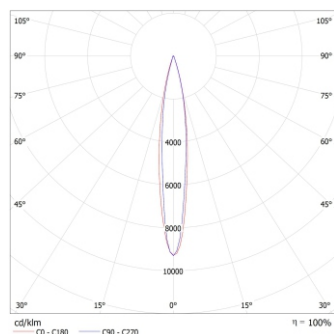
* Inbuilt IP67 Breather For Operation In High Humid Areas.



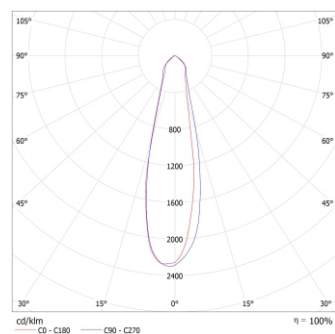
RGBW/MONO MODULAR LINEAR LIGHT WALL WASHER



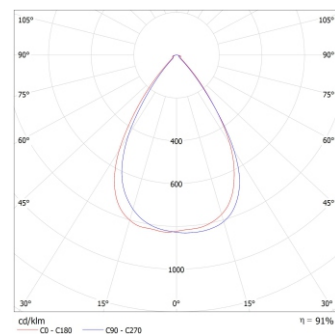
Introducing the cutting-edge LED modular wall washer with the highest lumen bin, utilizing the DMX512/RDM based protocol for seamless control and optimization. This state-of-the-art luminaire is designed to illuminate architectural spaces with precision and versatility, offering a dynamic range of features to meet various lighting requirements



10°



30°



60°

TECHNICAL DATA

| ELECTRICAL | |
|---------------------------------------|--|
| LED Wattage (W) | >1-<3W |
| Operation Input Voltage(VAC) | 100-240VAC |
| Operating input frequency range(Hz) | 50-60Hz |
| Total Harmonic Distortion (%) | <15% |
| Power Factor | >0.95 |
| Driver Efficiency | >85% |
| Driver Isolation | Yes |
| Over Voltage protection | Yes |
| Under voltage protection | Yes |
| Short circuit protection | Yes |
| LED Open circuit protection | Yes |
| Surge Protection | 4kv / 6kv |
| Electrical Class | Class I |
| Electromagnetic Compliance (Optional) | EN 55015:2013/A1:2015, EN 61000-4, -3,-4, -5, -6, -8, -11:2014, EN 61000-3 -2, -3:2013 |
| Mode of Operation | Operation by DMX512 RDM based Protocol. |
| OPTICAL | |
| LED | Osram, Cree, Nichia, Lumileds |
| BIN Details | Highest Lumen Bin |
| Color Temperature (K) | 6500K, RGBW |
| Beam Angle@ Chip | 120 deg |
| Optic Material | PC/PMMA |

TECHNICAL DATA

ENVIRONMENTAL

| | |
|--|-----------------|
| Working Temp.Range | Up to +45 deg C |
| Working Humidity Range | 0-95% |
| Life of Junction temperature @35 deg C | 50000 hours |

MECHANICAL

| | |
|----------------|---------------------|
| Housing | Aluminium Extrusion |
| IP Rating | IP66 |
| IK Rating | IK07 |
| Mounting Clamp | Clamp 170 |
| End Cap | N/A |
| Dimension | 490X80X63 mm |

TECHNICAL DATA

| Ordering Code | Power (W) | Voltage (V) | Luminous Flux (lm) | CCT | Beam Angle (Degree) | Luminous Efficacy (lm/W) |
|---------------------------|-----------|-------------|--------------------|-------|---------------------|--------------------------|
| ML80631000490 10SY | 100 | 220-230 V | ≥10500 | 6500K | 10/30/60/Sym/Asym | ≥ 105 |
| ML80631000490 RGBW10SY | 100 | 220-230 V | ≥5000 | RGBW | 10/30/60/Sym/Asym | ≥ 50 |

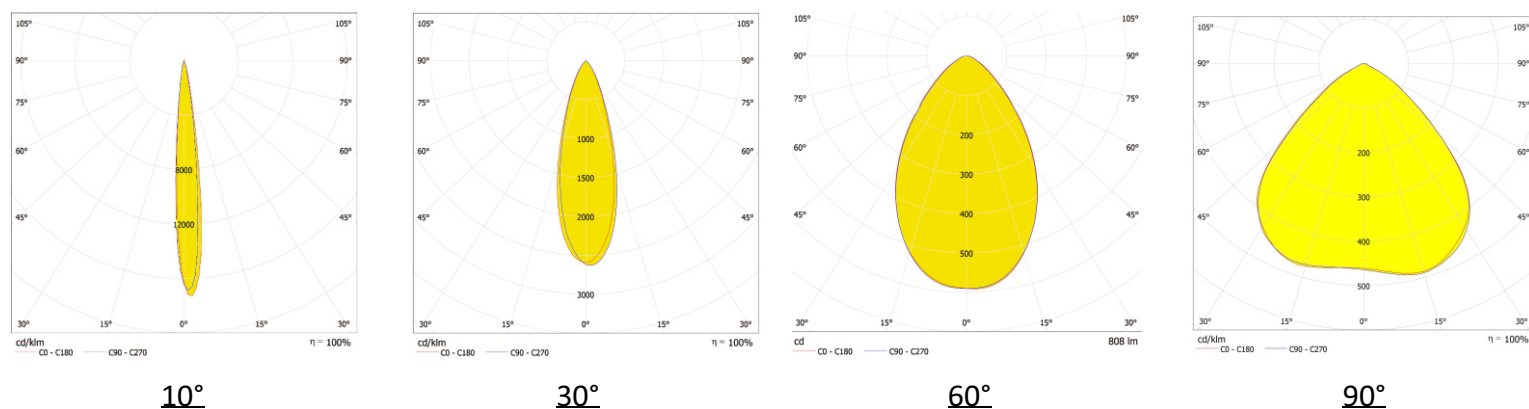
* Inbuilt IP67 Breather For Operation In High Humid Areas.



RGBW/MONO MODULAR LINEAR LIGHT WALL WASHER



a revolutionary lighting solution designed to meet the demanding requirements of tunnel lighting with unparalleled performance and versatility . This advanced luminaire incorporates the latest technologies to ensure optimal illumination, energy efficiency , and seamless integration into tunnel environments .



TECHNICAL DATA

| ELECTRICAL | |
|---------------------------------------|--|
| LED Wattage (W) | >1-<3W |
| Operation Input Voltage(VAC) | 100-240VAC |
| Operating input frequency range(Hz) | 50-60Hz |
| Total Harmonic Distortion (%) | <15% |
| Power Factor | >0.95 |
| Driver Efficiency | >85% |
| Driver Isolation | Yes |
| Over Voltage protection | Yes |
| Under voltage protection | Yes |
| Short circuit protection | Yes |
| LED Open circuit protection | Yes |
| Surge Protection | 4kv / 6kv |
| Electrical Class | Class I |
| Electromagnetic Compliance (Optional) | EN 55015:2013/A1:2015, EN 61000-4, -3,-4, -5, -6, -8, -11:2014, EN 61000-3 -2, -3:2013 |
| Mode of Operation | Operation by DMX512 RDM based Protocol. |
| OPTICAL | |
| LED | Osram, Cree, Nichia, Lumileds |
| BIN Details | Highest Lumen Bin |
| Color Temperature (K) | 3000K, RGBW |
| Beam Angle@ Chip | 120 deg |
| Optic Material | PC/PMMA |

TECHNICAL DATA

ENVIRONMENTAL

| | |
|--|-----------------|
| Working Temp.Range | Up to +45 deg C |
| Working Humidity Range | 0-95% |
| Life of Junction temperature @35 deg C | 50000 hours |

MECHANICAL

| | |
|----------------|---------------------|
| Housing | Aluminium Extrusion |
| IP Rating | IP66 |
| IK Rating | IK07 |
| Mounting Clamp | Clamp 170 |
| End Cap | N/A |
| Dimension | 750X80X63 mm |

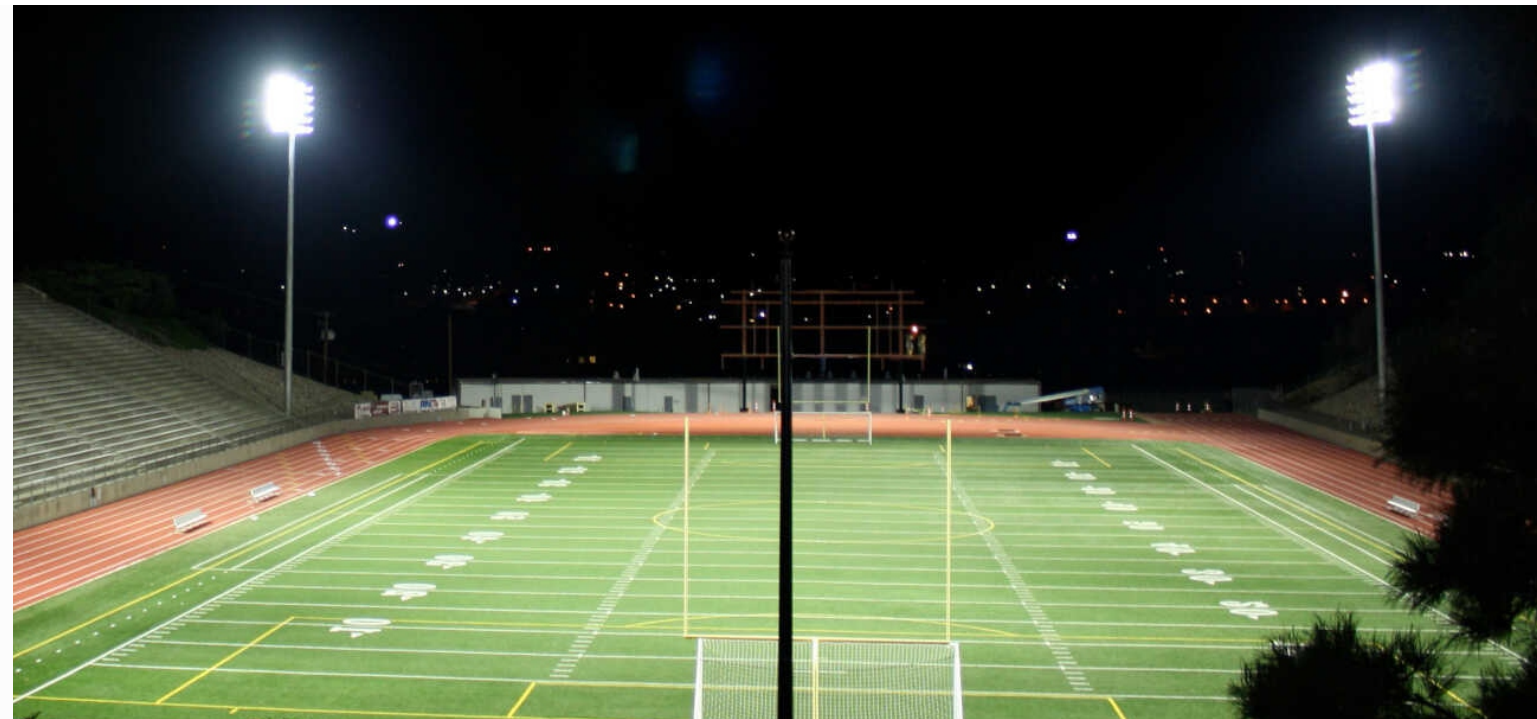
TECHNICAL DATA

| Ordering Code | Power (W) | Voltage (V) | Luminous Flux (lm) | CCT | Beam Angle (Degree) | Luminous Efficacy (lm/W) |
|---------------------------|-----------|-------------|--------------------|-------|----------------------|--------------------------|
| ML80631200750 10SY | 120 | 220-230 V | ≥12600 | 3000K | 10/30/60/90/Sym/Asym | ≥ 105 |
| ML80631200750 RGBW10SY | 120 | 220-230 V | ≥6000 | RGBW | 10/30/60/90/Sym/Asym | ≥ 50 |



* Inbuilt IP67 Breather For Operation In High Humid Areas.

FLOOD LIGHT



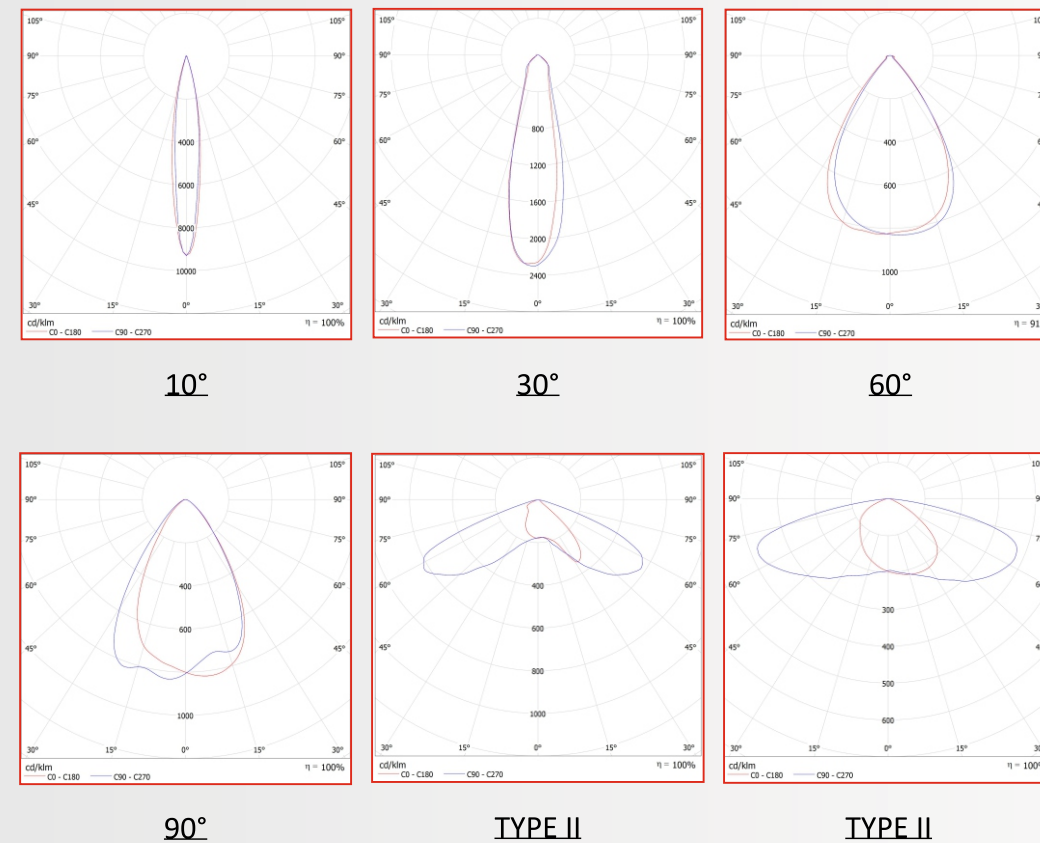
Introduction

Aluminium Extruded Heat sink Module with PC Module Lens having beam angles 10°, 30°, 60°, 90° and Type II 50W LED Module can be multiplied and assembled upto 500W to build a customized lighting solution as per customer requirement.

TECHNICAL DATA

| Ordering Code | System Power (W) | Nominal Voltage (V) | Luminous Flux (lm) | Colour Temp. (CCT) | System Luminous Efficacy (lm/W) |
|--------------------|------------------|---------------------|--------------------|--------------------|---------------------------------|
| SHUBHRAKH50XXWWXX | 50 W | 220-240 V | 7000 | 2700, 4000, 5700 K | CRI ≥ 70 |
| SHUBHRAKH60XXWWXX | 60 W | 220-240 V | 8400 | 2700, 4000, 5700 K | CRI ≥ 70 |
| SHUBHRAKH100XXWWXX | 100 W | 220-240 V | 14000 | 2700, 4000, 5700 K | CRI ≥ 70 |
| SHUBHRAKH150XXWWXX | 150 W | 220-240 V | 21000 | 2700, 4000, 5700 K | CRI ≥ 70 |
| SHUBHRAKH200XXWWXX | 200 W | 220-240 V | 28000 | 2700, 4000, 5700 K | CRI ≥ 70 |
| SHUBHRAKH250XXWWXX | 250 W | 220-240 V | 35000 | 2700, 4000, 5700 K | CRI ≥ 70 |
| SHUBHRAKH300XXWWXX | 300 W | 220-240 V | 42000 | 2700, 4000, 5700 K | CRI ≥ 70 |

POLAR PLOT



CHARACTERISTICS

HOUSING AND FINISH

| | |
|--------------------|-----------------------------|
| Housing | Extrusion |
| Optic Material | PC/PMMA |
| Protector | IP Lens with Silicon Gasket |
| Housing Finish | Anodized |
| Standard Colour(s) | Light Grey |
| Ingress Protection | IP 66 |
| Impact Resistance | IK 09 |

OPERATING CONDITIONS

| | |
|---|--------------|
| Operating Temperature (Ta) | Up to +45° C |
| Depending on the luminaire configuration. | |

ELECTRICAL INFORMATION

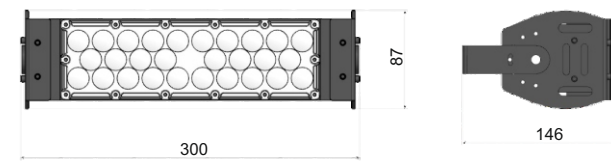
| | |
|---------------------------------------|--|
| Electrical Class | Class I |
| Nominal Voltage | 120-277V - 50-60Hz , 220-240V - 50-60Hz |
| Power Factor (at full load) | 0.9 |
| Surge Protection Options (kV) | 10kV |
| Inbuilt Surge Protection Options (kV) | 4kv / 6kv |
| Electromagnetic Compliance (Optional) | EN 55015:2013/A1:2015, EN 61000-4, -3,-4, -5, -6, -8, -11:2014, EN 61000-3 -2, -3:2013 |

Electrical information given for the gear box

LIFETIME OF THE LEDs @ TQ 25°C

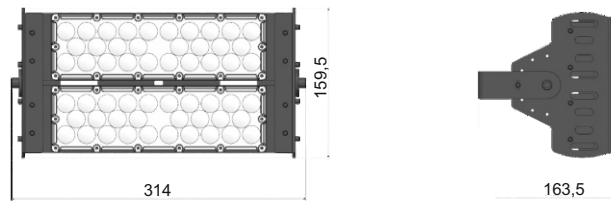
| | |
|---------------------|-------------|
| All Configurations* | 60,000h-L70 |
|---------------------|-------------|

TECHNICAL DRAWING



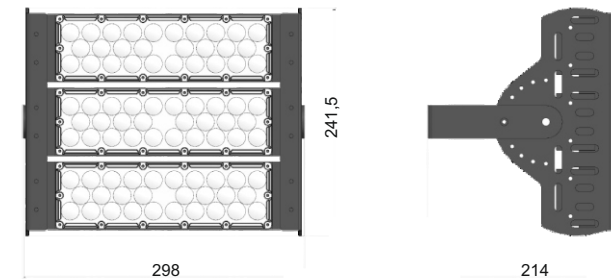
| System Power | Length l (mm) | Width w (mm) | Height h (mm) | Mounting Hole Distance (d) |
|--------------|---------------|--------------|---------------|----------------------------|
| 50 W | 300 | 146 | 87 | 292 |

All dimensions are in mm | Tolerance: ± 5 mm



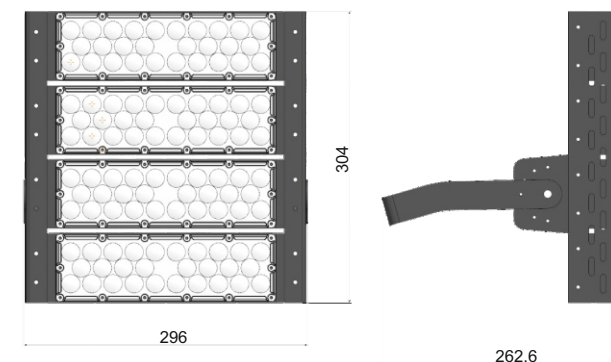
| System Power | Length l (mm) | Width w (mm) | Height h (mm) | Mounting Hole Distance (d) |
|--------------|---------------|--------------|---------------|----------------------------|
| 100 W | 314 | 163.5 | 159.5 | 292 |

All dimensions are in mm | Tolerance: ± 5 mm



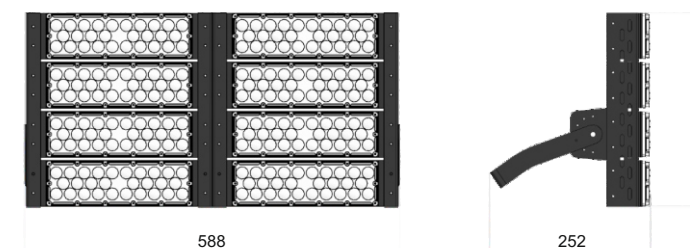
| System Power | Length l (mm) | Width w (mm) | Height h (mm) | Mounting Hole Distance (d) |
|--------------|---------------|--------------|---------------|----------------------------|
| 150 W | 298 | 214 | 241.5 | 292 |

All dimensions are in mm | Tolerance: ± 5 mm



| System Power | Length l (mm) | Width w (mm) | Height h (mm) | Mounting Hole Distance (d) |
|--------------|---------------|--------------|---------------|----------------------------|
| 200 W | 296 | 262.6 | 304 | 286 |

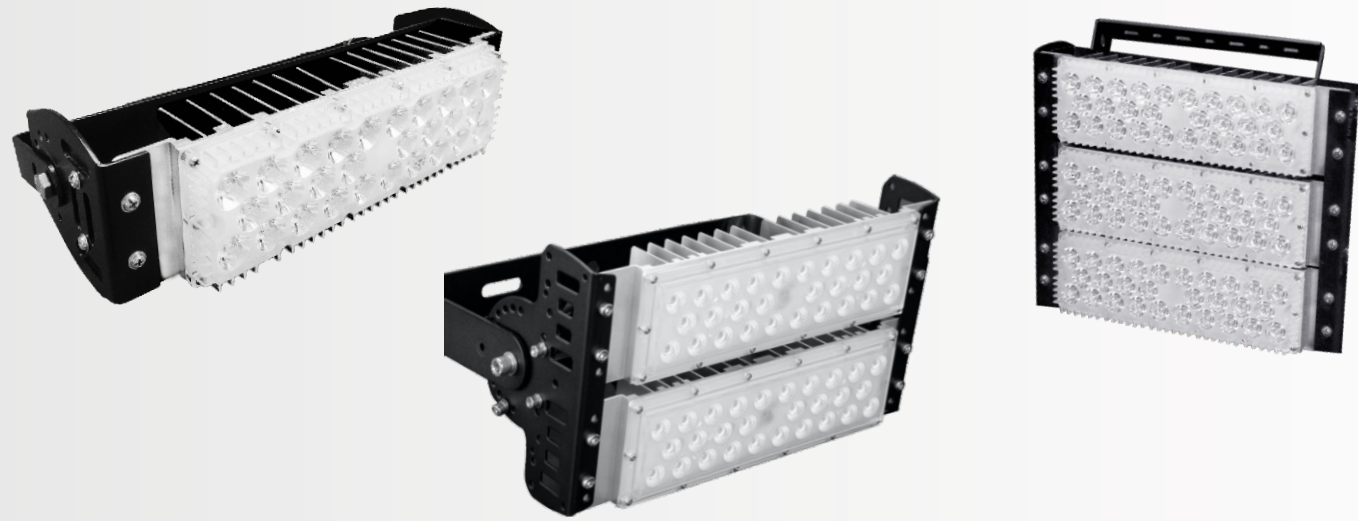
All dimensions are in mm | Tolerance: ± 5 mm



| System Power | Length l (mm) | Width w (mm) | Height h (mm) | Mounting Hole Distance (d) |
|---------------|---------------|--------------|---------------|----------------------------|
| 400 W / 500 W | 588 | 252 | 304 | 572 |

All dimensions are in mm | Tolerance: ± 5 mm

RGB/RGBW FLOOD LIGHT



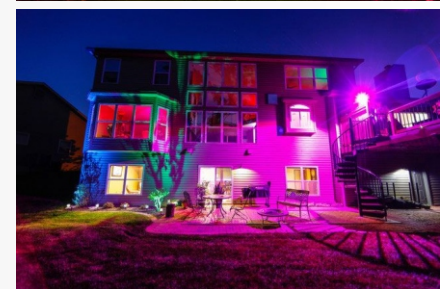
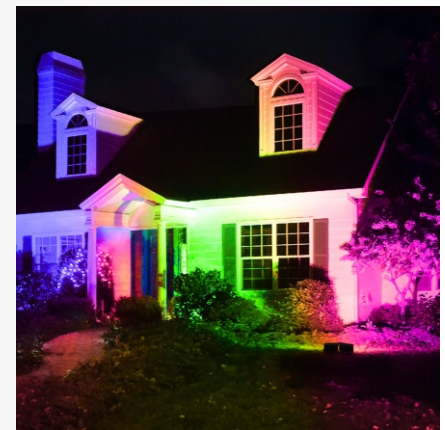
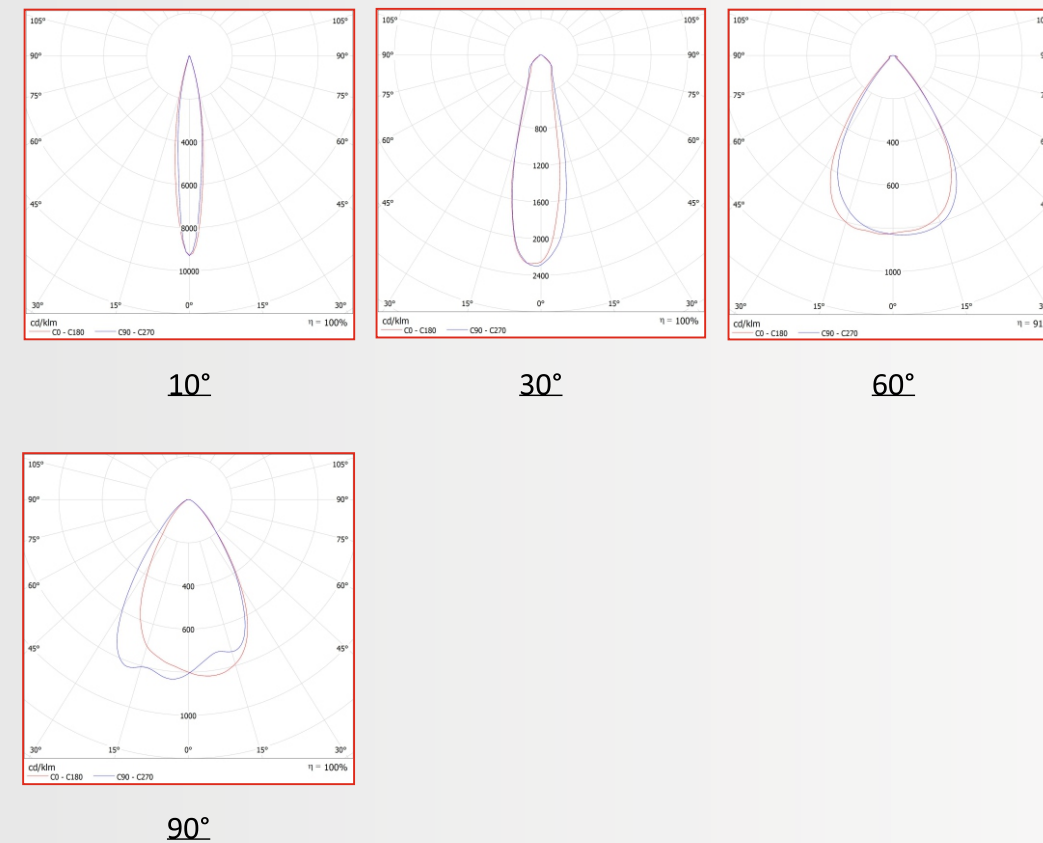
Introduction

Aluminium Extruded Heat sink PC Module with RGB and RGBW LED options capable creating versatile 16 million colours Lens having beam angles 10°, 30°, 60° & 90° 50W LED Module can be multiplied and assembled upto 300W to build a customized lighting solution as per customer requirement.

TECHNICAL DATA

| Ordering Code | System Power (W) | Nominal Voltage (V) | Luminous Flux (lm) | Colour Temp. (CCT) | System Luminous Efficacy (lm/W) |
|--------------------|------------------|---------------------|--------------------|--------------------|---------------------------------|
| SHUBHRAKH50RGBWXX | 50 W | 220-240 V | 2500 | RGBW | ≥ 50 |
| SHUBHRAKH90RGBWXX | 90 W | 220-240 V | 4500 | RGBW | ≥ 50 |
| SHUBHRAKH100RGBWXX | 100 W | 220-240 V | 5000 | RGBW | ≥ 50 |
| SHUBHRAKH120RGBWXX | 120 W | 220-240 V | 6000 | RGBW | ≥ 50 |
| SHUBHRAKH150RGBWXX | 150 W | 220-240 V | 7500 | RGBW | ≥ 50 |
| SHUBHRAKH175RGBWXX | 175 W | 220-240 V | 8750 | RGBW | ≥ 50 |

POLAR PLOT



CHARACTERISTICS

HOUSING AND FINISH

| | |
|--------------------|-----------------------------|
| Housing | Extrusion |
| Optic Material | PC/PMMA |
| Protector | IP Lens with Silicon Gasket |
| Housing Finish | Anodized |
| Standard Colour(s) | Light Grey |
| Ingress Protection | IP 66 |
| Impact Resistance | IK 09 |

OPERATING CONDITIONS

Operating Temperature (Ta) Up to +45° C

Depending on the luminaire configuration.

ELECTRICAL INFORMATION

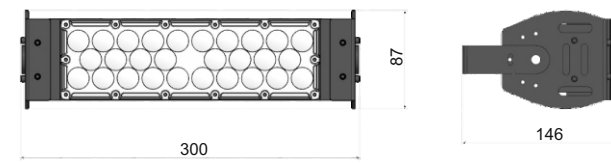
| | |
|---------------------------------------|--|
| Electrical Class | Class I |
| Nominal Voltage | 120-277V - 50-60Hz , 220-240V - 50-60Hz |
| Power Factor (at full load) | 0.9 |
| Surge Protection Options (kV) | 10kV |
| Inbuilt Surge Protection Options (kV) | 4kv / 6kv |
| Electromagnetic Compliance (Optional) | EN 55015:2013/A1:2015, EN 61000-4, -3,-4, -5, -6, -8, -11:2014, EN 61000-3 -2, -3:2013 |

Electrical information given for the gear box

LIFETIME OF THE LEDs @ TQ 25°C

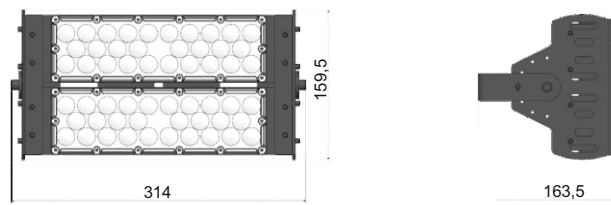
All Configurations* 60,000h-L70

TECHNICAL DRAWING



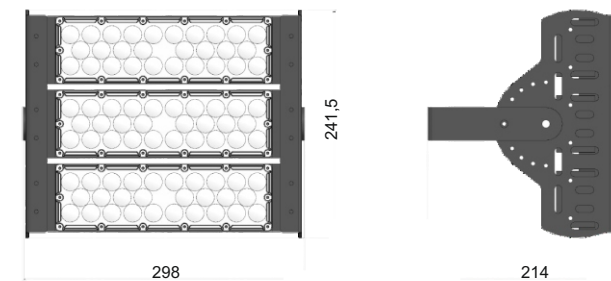
| System Power | Length l (mm) | Width w (mm) | Height h (mm) | Mounting Hole Distance (d) |
|--------------|---------------|--------------|---------------|----------------------------|
| 50 W | 300 | 146 | 87 | 292 |

All dimensions are in mm | Tolerance: ± 5 mm



| System Power | Length l (mm) | Width w (mm) | Height h (mm) | Mounting Hole Distance (d) |
|--------------|---------------|--------------|---------------|----------------------------|
| 100 W | 314 | 163.5 | 159.5 | 292 |

All dimensions are in mm | Tolerance: ± 5 mm



| System Power | Length l (mm) | Width w (mm) | Height h (mm) | Mounting Hole Distance (d) |
|--------------|---------------|--------------|---------------|----------------------------|
| 150 W | 298 | 214 | 241.5 | 292 |

All dimensions are in mm | Tolerance: ± 5 mm



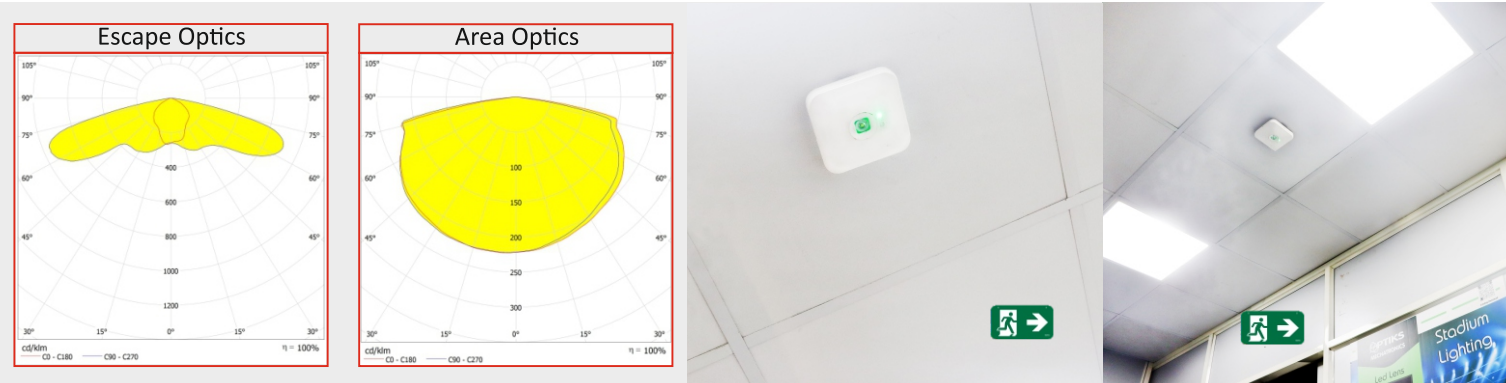
EMERGENCY LIGHTING



Self-Contained Emergency luminaire

Introduction

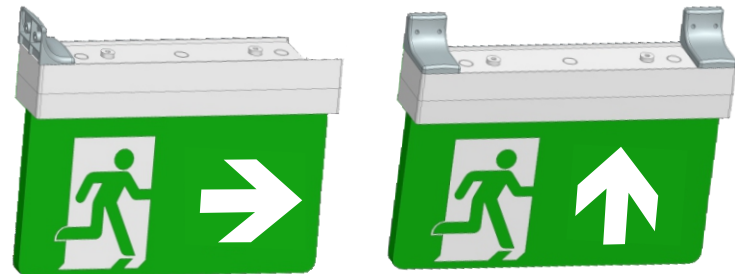
Self-contained LED emergency light with self-extinguishing RAL2407 white polycarbonate body. False ceiling/wall mounting installation. power supply 220/230 Vac, 50-60 Hz. It's a maintained and Non-maintained type luminaire. Escape and Area optics have been used for exit areas of building shopping complex, hotels, restaurants etc. Rechargeable LiFePo battery @ 1 Ah included; charging time 6 H;. Emergency power duration 3 H. Protection rating IP65 operating temperature 0 °C - 50 °C.



TECHNICAL DATA

| | |
|---------------------------------------|---|
| Installation | False ceiling / wall Mounting |
| Power supply | 220/230 V ~, 50-60 Hz |
| Absorbed power in W @ Maintained Mode | 7 W |
| Battery Charging Voltage | 10.5 V |
| Forward Voltage (Vf) | 6 V |
| Forward Current (If) | 350 mA |
| Battery | LiFePO 11.1 V @ 1 Ah |
| Emergency Power Duration | 3 Hr |
| Total charging time | 6 Hr |
| Top Cover | White Polycarbonate RAL2407 |
| Bottom | White Polycarbonate RAL2407 |
| Glow wire | 850 °C |
| IP Protection rating | IP 54 |
| IK Protection rating | Ik07 |
| Insulation class | II |
| Operating temperature | 0° - 50 °C |
| Maintained mode information | Dedicated terminal 230 V ~ |
| Compliant to standards | EN 60598-1, EN 60598-2-22, EN 61547 EN 55015, EN 61000-3-2, EN 61000-3-3 EN 61347-1, EN 61347-2-7 |
| Light source | LED |
| Colour temperature | 3000K, 4000, 5700K |
| Min. luminous flux in emergency | 250 lm |
| Module dimensions | 100X100X20 in mm |

SIGNAGE LIGHTING



4 Different Pictograms For Exit Signage

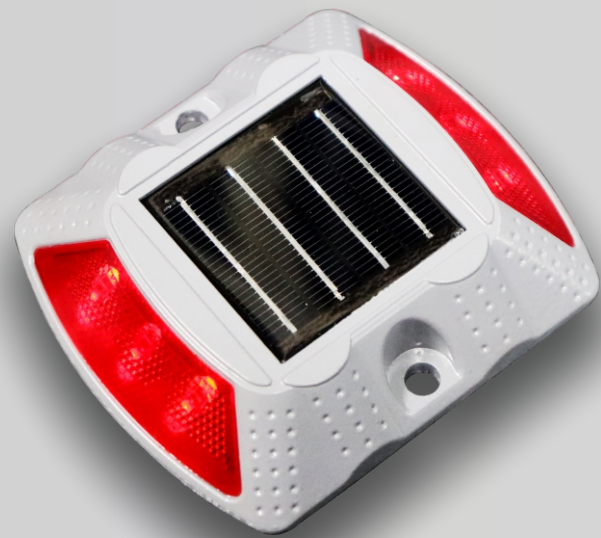


TECHNICAL DATA

| | |
|---------------------------|--|
| Input Voltage | 190 V - 265 V AC |
| Battery | Self-contained Ni Cd Battery |
| Battery Back-up | 3 Hours |
| Frequency | 50/60 Hz |
| Colour Temperatures | 6000 K |
| Optics | Acrylic Diffuser |
| Average Luminance (White) | ~ 500 cd/m2 |
| Uniformity | ~ 0.2 |
| Function Test | Weekly 5 Minutes Test Duration |
| Duration Test | The 52 nd Function Test is a Duration Test of 3 Hours |
| Green Continuously | Mains Available, Charging OK |
| Off | No Mains Available or Emergency Mode |
| Red Flashing (1Hz) | Lamp Source Faulty |
| Red Continuously | Battery Failure |
| Red / Green Alternating | Test Mode |
| Light source | LED |
| Dimensions | 266X212X45X11 in mm |
| Applications | Airport Station Office Complex Shopping Mall Hotel Hospital Cinema Hall Convention Hall Exhibition Hall Sports Stadium Apartment Complex |

SOLAR ROAD STUD

- * Patent Granted
- * Patent No. 454005



Road studs are integral to traffic safety at night on our roads.

Introduction

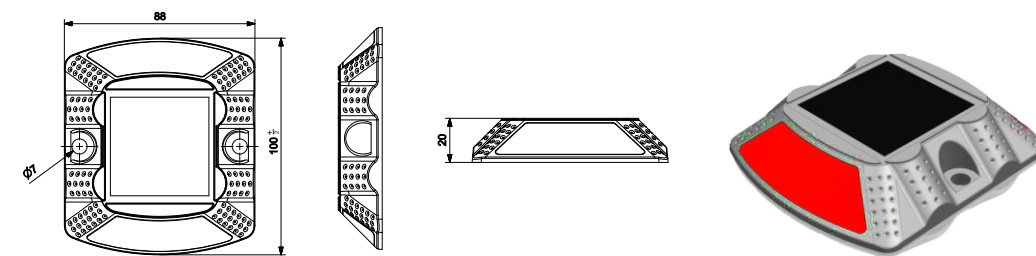
Smart solar stud with dura tough strength PDC housing to withstand heavy loads upto 30 tonnes nanotechnology reflectors provides guidance and advanced warning to drivers during night. Abrasion resistant silicon encapsulated monocrystalline solar panel ensures to charge the NiMH battery even at lower lux level.



Road Stud charge by solar panel, store energy in battery and automatically light up at night.

TECHNICAL DATA

| | |
|---------------------------------|---|
| Product | Solar Stud |
| Dimensions | 100X88X20 in mm |
| Compliance Standards Parameters | As per ASTM4280 |
| Housing | ADC 12 |
| Base Cover of Stud | Silicon Potted |
| Reflector | UV Stabilised |
| Power Source | Monocrystalline Solar Module |
| Battery | NiMh 1.2V@1100mAh |
| LED | Ultra Bright, 5mm Dia, Clear Type |
| LED Color | Red, Yellow, Green, Blue, White |
| Working Model | Blinking or Constant (Charged at Daytime, Working automatically at night) |
| Working Hours | Blinking:-130 Hrs Once Fully Charged for 8 Hrs |
| Visual Distance | >500m |
| Ingress Protection | IP 67 |
| Resistance | Upto 30T |
| Applications* | •Highway •Road •Park •Airport •Seaport •Parking Lot •Sidewalk |



* Solar stud should be installed under the open sky where ample sunlight is available for its proper charging / functioning.

FOCUS LIGHT



An outdoor focus light illuminates the night, guiding the way with its powerful beam

Introduction

Focus Light a durable lighting solution featuring a heavy-duty Aluminum die-casting body with IP66 specifications, ensuring full protection against rain, dust, and fog in any weather condition. Designed for outdoor installation, it's perfect for gardens, terraces, and various outdoor settings. Versatile and ideal for numerous applications with beam angle of 30°.



TECHNICAL DATA

| | |
|----------------------|-----------------------------------|
| Product | Focus Light |
| Dimensions | Ø75.5 x 54 |
| Material | Aluminum Die-Casting |
| Colour | Black |
| Light Source Type | LED |
| Indoor/Outdoor Usage | Outdoor |
| Power | 12 W |
| Power Source | Corded Electric |
| LED | Ultra Bright, 5mm Dia, Clear Type |
| LED Color | Warm White |
| Fixture Type | Wall/Spike Mount |
| Working Hours | 45000 |
| Beam Angle | 30° |
| IP Rating | Ip66 |
| Applications | •Garden •Roof Top •Terrace |



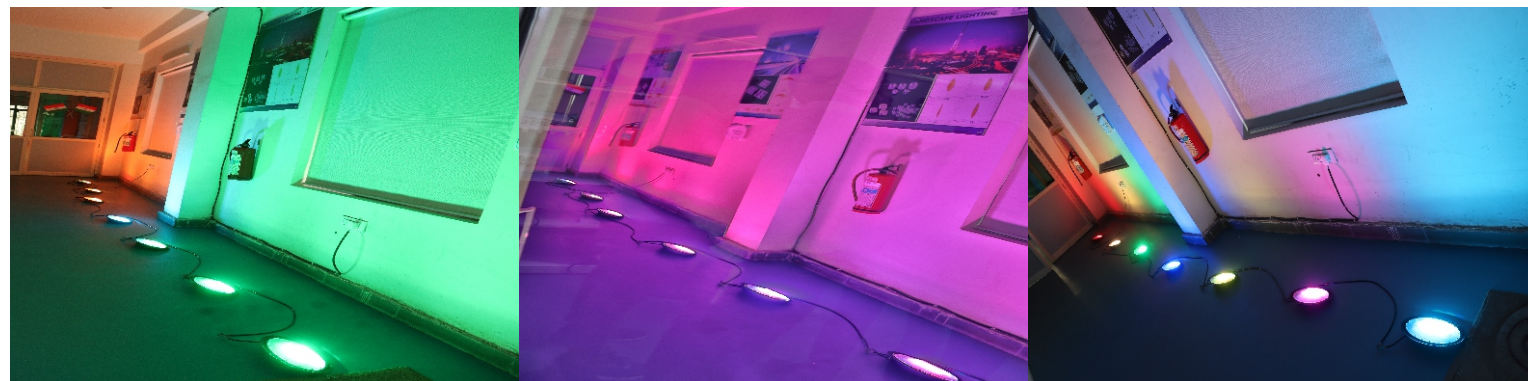
ELLIPTICAL FLOOD LIGHT



Flood lights are powerful, broad-beamed artificial lights designed to illuminate large outdoor areas.

Introduction

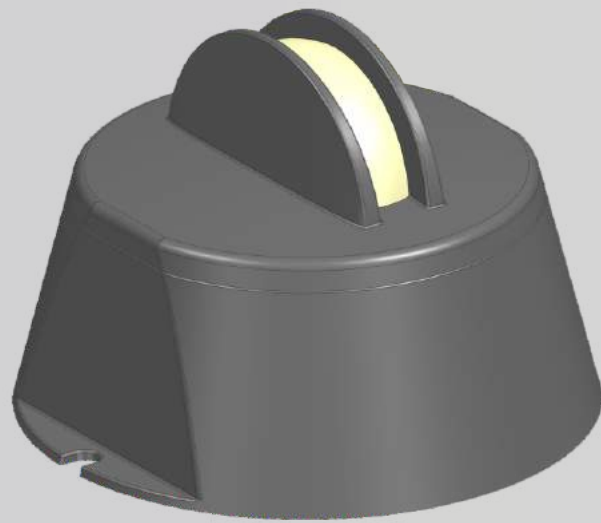
Elliptical Flood Light is a lighting solution which spreads out light in a smooth and even way. It's made from strong aluminum material and is designed to be tough, so it can handle tough weather conditions like dust, rain, and fog. It uses LED that uses 50 W of power. This light has been tested really carefully and it can handle getting hit from different angles without breaking. It gives off a strong and bright light that is as bright as 7000 candles in a small area. This means it can light up a large area well, saving energy and reducing annoying glare. Not only is it functional, but it also looks really nice and adds to the beauty of the place where it's used.



TECHNICAL DATA

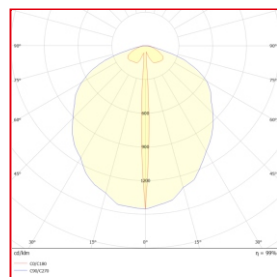
| | |
|---------------------------------------|---|
| Product | Elliptical Flood Light |
| LED Wattage (W) | 50W |
| Nominal Voltage | 220-240V |
| Luminous Flux (lm) | 7000 |
| Color Temperature (K) | 2700, 4000, 5700 K |
| System Luminous Efficacy (lm/W) | CRI ≥ 70 |
| Optic Material | PC/PMMA |
| Protector | IP Lens with Silicon Gasket |
| Standard Colours(s) | Light Grey |
| Operating Temperature | Up to +45° C |
| Electrical Class | Class I |
| Housing Finish | Anodized |
| Housing | Aluminum Extrusion |
| IP Rating | Ip66 |
| IK Rating | Ik09 |
| Electromagnetic Compliance (Optional) | EN 55015:2013/A1:2015, EN 61000-4, -3, -4, -5, -8, -11:2011, EN -2, -3:2013 |
| Power Factor (at Full load) | 0.9 |
| Surge Protection Options (kV) | 10kV |
| Inbuilt Surge Protection Options (kV) | 4kV / 6kv |
| Beam Angle | 30X100° |

LED WINDOW LIGHT

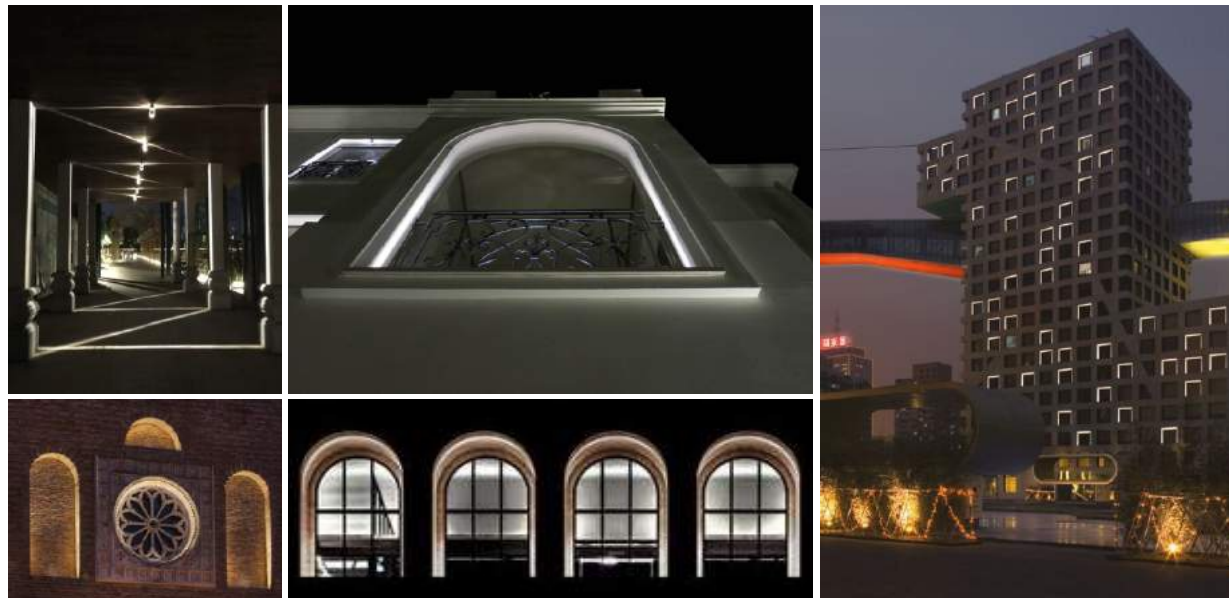


Introduction

LED window lights are a contemporary lighting solution designed to enhance the aesthetic appeal of interior spaces. The term "mono" typically refers to a single color or a monochromatic lighting scheme. These lights are commonly used to add a subtle and stylish glow to windows, creating a visually pleasing ambiance.



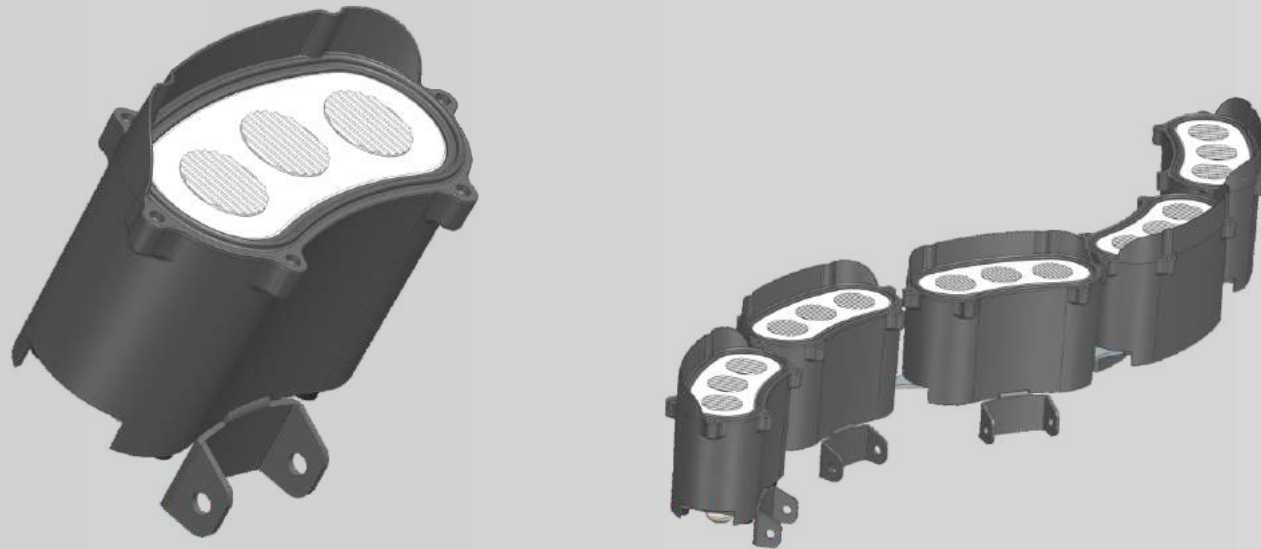
5X180°



TECHNICAL DATA

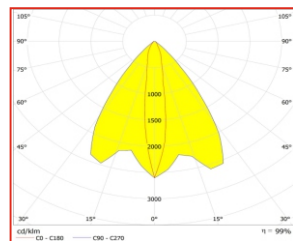
| | |
|---------------------------------------|---|
| Product | LED Window Light |
| Nominal Voltage | 24VDC |
| Luminous Flux (lm) | 1260 |
| Color Temperature (K) | 2700, 4000, 5700 K |
| System Luminous Efficacy (lm/W) | CRI ≥ 70 |
| Optic Material | PC/PMMA |
| Protector | IP Lens with Silicon Gasket |
| Standard Colours(s) | Light Grey |
| Operating Temperature | Up to +45° C |
| Electrical Class | Class I |
| Housing Finish | Anodized |
| Housing | Aluminum Extrusion |
| IP Rating | Ip66 |
| IK Rating | Ik07 |
| Electromagnetic Compliance (Optional) | EN 55015:2013/A1:2015, EN 61000-4, -3, -4, -5, -8, -11:2011, EN -2, -3:2013 |
| Power Factor (at Full load) | 0.9 |
| Surge Protection Options (kV) | 10kV |
| Inbuilt Surge Protection Options (kV) | 4kV / 6kV |
| Beam Angle | 5X180° |

FLEXIBLE WALL WASHER



Introduction

The flexible wall washer mono is a versatile lighting fixture designed for illuminating walls with a single, adjustable light source. Its flexibility allows for customized lighting effects, making it suitable for various applications such as accentuating architectural features or creating ambient lighting in different spaces. The mono design implies a single light element, providing a focused and controllable illumination for aesthetic or functional purposes.



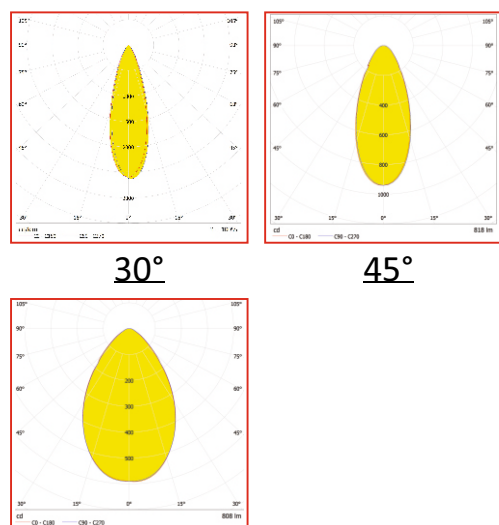
14X60°



TECHNICAL DATA

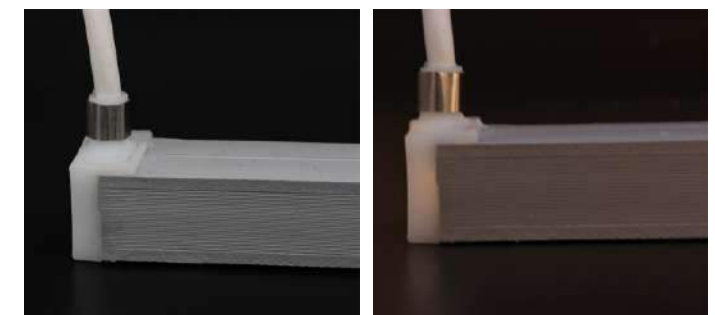
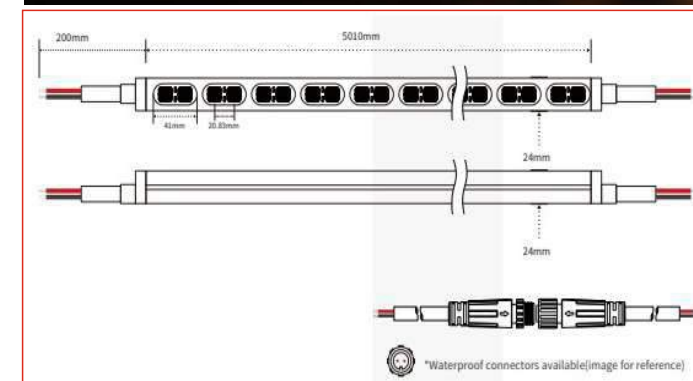
| | |
|---------------------------------------|--|
| Product | Flexible Wall Washer |
| Nominal Voltage | 24VDC/220~240VAC |
| Luminous Flux (lm) | 876 |
| Color Temperature (K) | 2700, 4000, 5700 K |
| System Luminous Efficacy (lm/W) | CRI ≥ 70 |
| Optic Material | PC/PMMA |
| Protector | IP Lens with Silicon Gasket |
| Standard Colours(s) | Light Grey |
| Operating Temperature | Up to +45° C |
| Electrical Class | Class I |
| Housing Finish | Anodized |
| Housing | Aluminum Extrusion |
| IP Rating | Ip66 |
| IK Rating | Ik07 |
| Electromagnetic Compliance (Optional) | EN 55015:2013/A1:2015, EN 61000-4, -3, -4, -5, -8, -11:201, EN -2, -3:2013 |
| Power Factor (at Full load) | 0.9 |
| Surge Protection Options (kV) | 10kV |
| Inbuilt Surge Protection Options (kV) | 4kV / 6kv |
| Beam Angle | 14X60° |

FLEXIBLE WALL WASHER



TECHNICAL DATA

| | |
|---------------------|--|
| Product | Flexible Wall Washer |
| LED Type | SMD3030 |
| Beam Angle | 30°, 45°, 60° |
| Led/M | 48 |
| Bending Direction | 3D |
| Color | Static Color-White |
| Power Per Meter | 24W |
| Control Mode | Switch/Dimming |
| Working Temperature | -20°C-45°C |
| Voltage | DC24V |
| Lumens Output | 3000K-1230lm/M 4000K-1295lm/M 5000K-1290lm/M 6000K-1285lm/M |

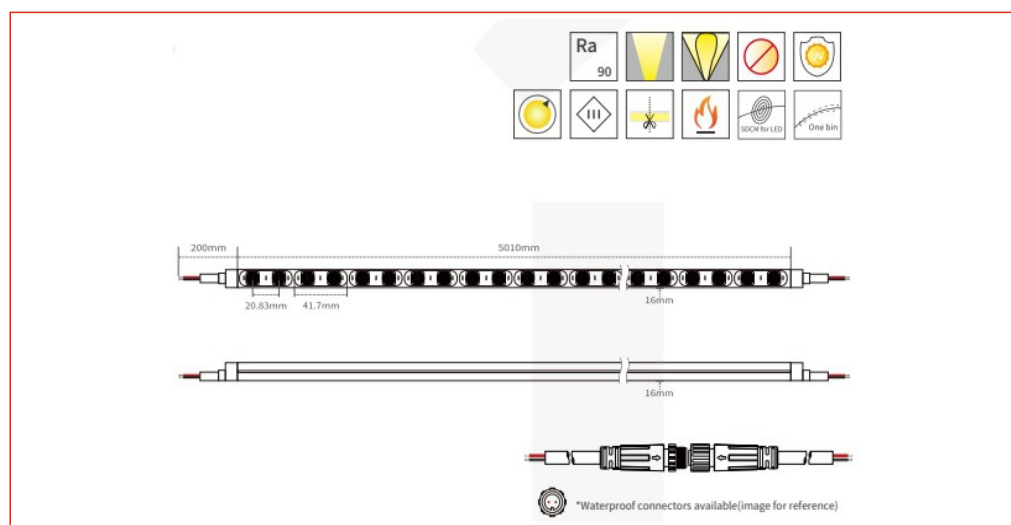
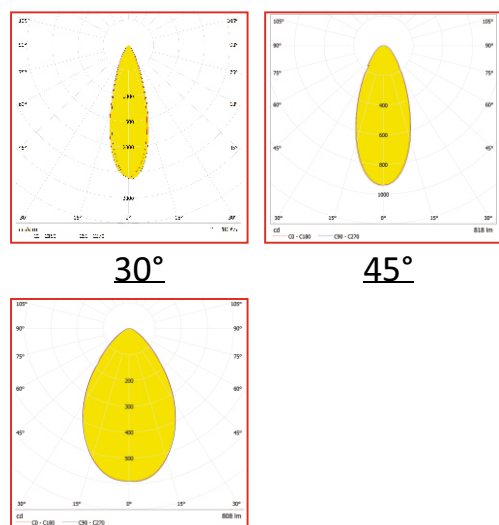


FLEXIBLE WALL WASHER



TECHNICAL DATA

| | |
|---------------------|--|
| Product | Flexible Wall Washer |
| LED Type | SMD2835 |
| Beam Angle | 30°, 45°, 60° |
| Led/M | 48 |
| Bending Direction | 3D |
| Color | Static Color-White |
| Power Per Meter | 16W |
| Control Mode | Switch/Dimming |
| Working Temperature | -20°C-45°C |
| Voltage | DC24V |
| Lumens Output | 2700K-1155lm/M 3000K-1304lm/M 4000K-1402lm/M 6000K-1320lm/M |

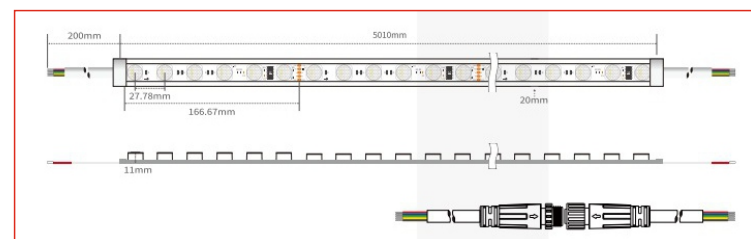
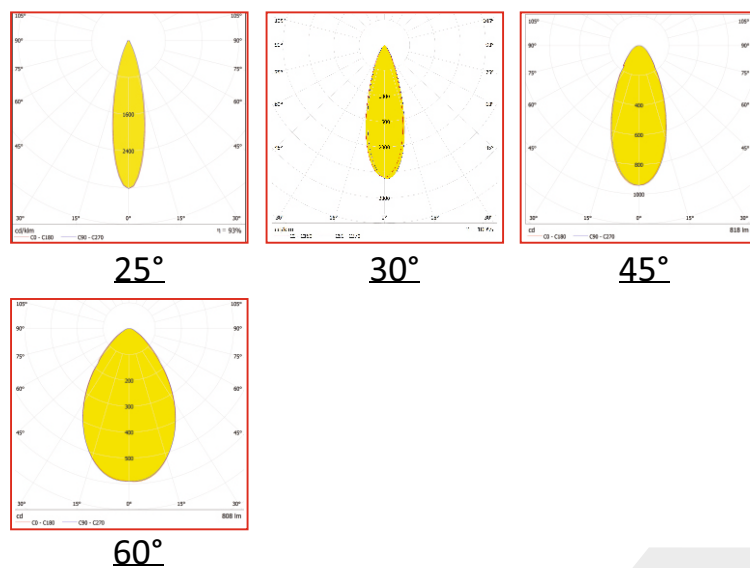


FLEXIBLE WALL WASHER

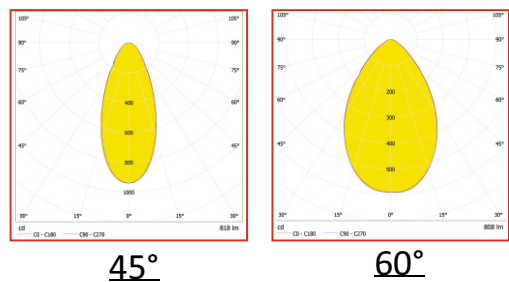


TECHNICAL DATA

| | |
|---------------------|--|
| Product | Flexible Wall Washer |
| LED Type | SMD5050 |
| Beam Angle | 25°, 30°, 45°, 60° |
| Led/M | 36 |
| Bending Direction | Top Bend |
| Color | Pixel Chasing |
| Power Per Meter | 18W |
| Control Mode | DMX |
| Working Temperature | -20°C-45°C |
| Voltage | DC24V |
| Lumens Output | 2700K-320lm/M 3000K-348lm/M 4000K-375lm/M 6000K-361lm/M |
| RGB | R-130lm/M, G-348lm/M, B-114lm/M |
| RGBW | - |



FLEXIBLE WALL WASHER



TECHNICAL DATA

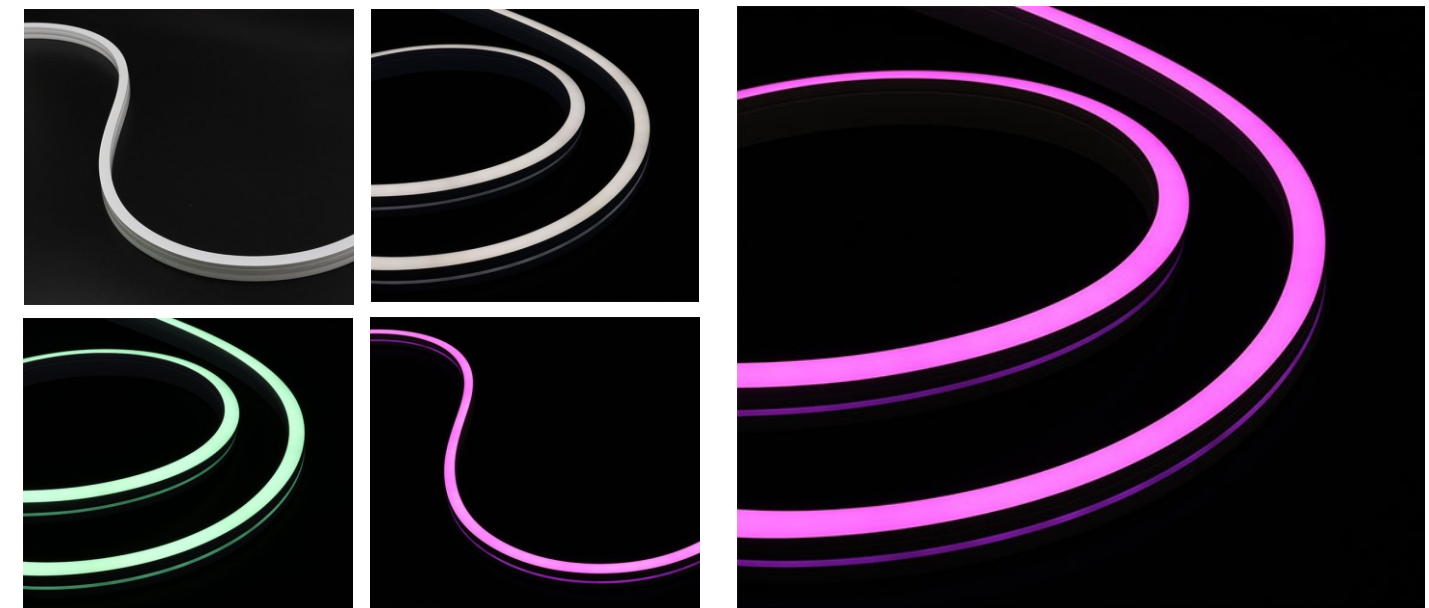
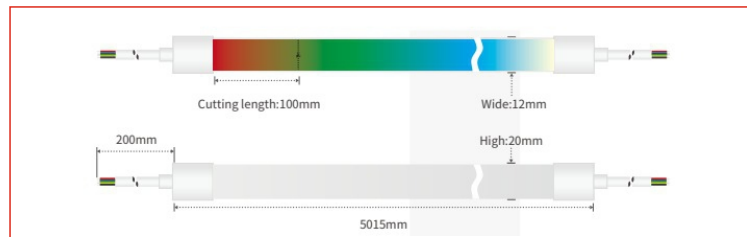
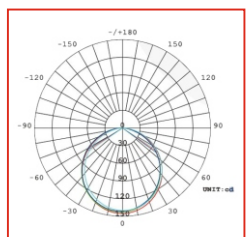
| | |
|---------------------|--|
| Product | Flexible Wall Washer |
| LED Type | SMD3030 |
| Beam Angle | 45°, 60° |
| Led/M | 36 |
| Bending Direction | Top Bend |
| Color | Magic Color |
| Power Per Meter | 18W |
| Control Mode | DMX |
| Working Temperature | -20°C-45°C |
| Voltage | DC24V |
| Lumens Output | R - 155lm/M G - 392lm/M B - 90lm/M |



LED NEON FLEX

TECHNICAL DATA

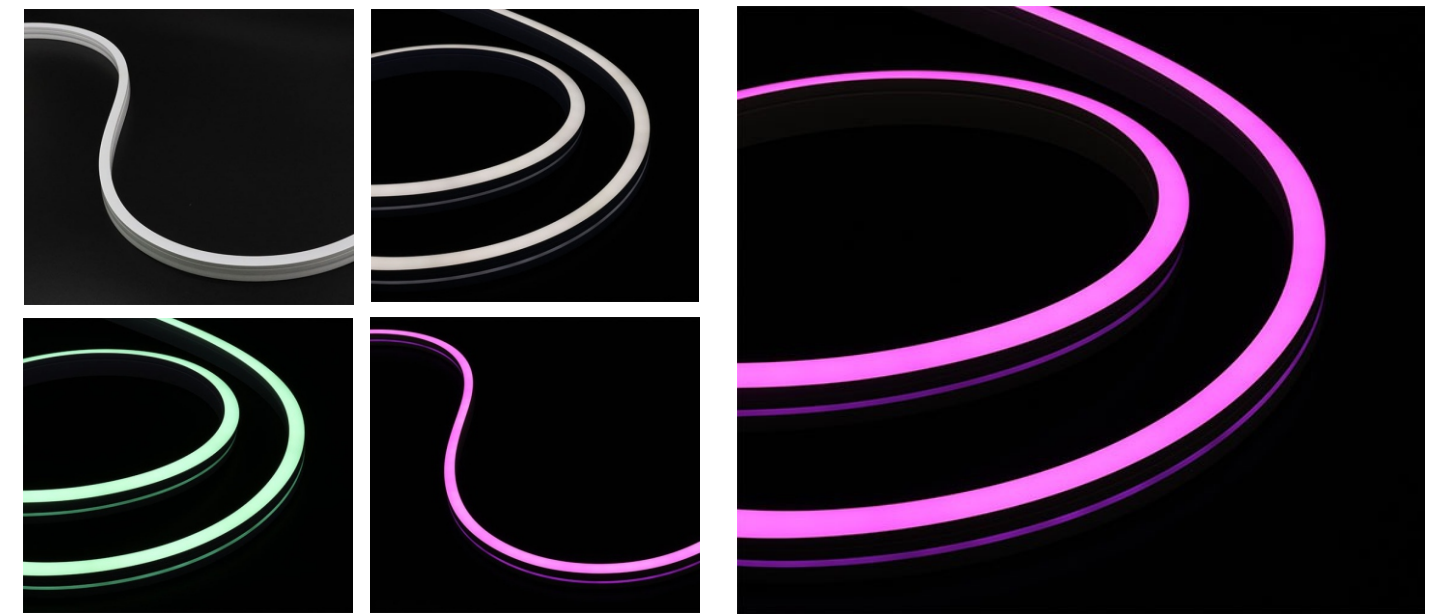
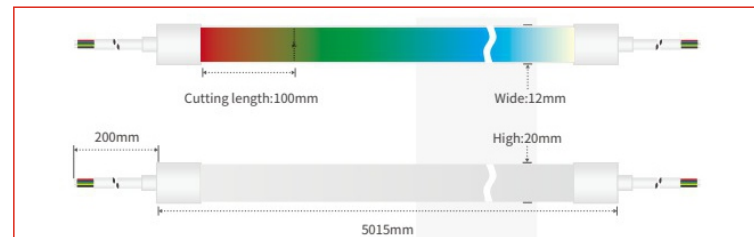
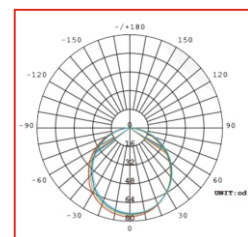
| | |
|---------------------|--|
| Product | LED Neon Flex |
| LED Type | 5050 |
| Led/M | 60 |
| Bending Direction | Top Bend |
| Color | Pixel Chasing |
| Power Per Meter | 18W |
| Control Mode | DMX |
| Working Temperature | -20°C-45°C |
| Voltage | DC24V |
| Lumens Output | 2700K-130 3000K-135 4000K-142 6000K-140 |
| RGB | R-32, G-120, B-25 |
| RGBW | - |



LED NEON FLEX

TECHNICAL DATA

| | |
|---------------------|--|
| Product | LED Neon Flex |
| LED Type | 5050 |
| Led/M | 60 |
| Bending Direction | Side Bend |
| Color | Pixel Chasing |
| Power Per Meter | 18W |
| Control Mode | DMX |
| Working Temperature | -20°C-45°C |
| Voltage | DC24V |
| Lumens Output | 2700K-135 3000K-143 4000K-160 6000K-155 |
| RGB | R-46, G-118, B-60 |
| RGBW | - |

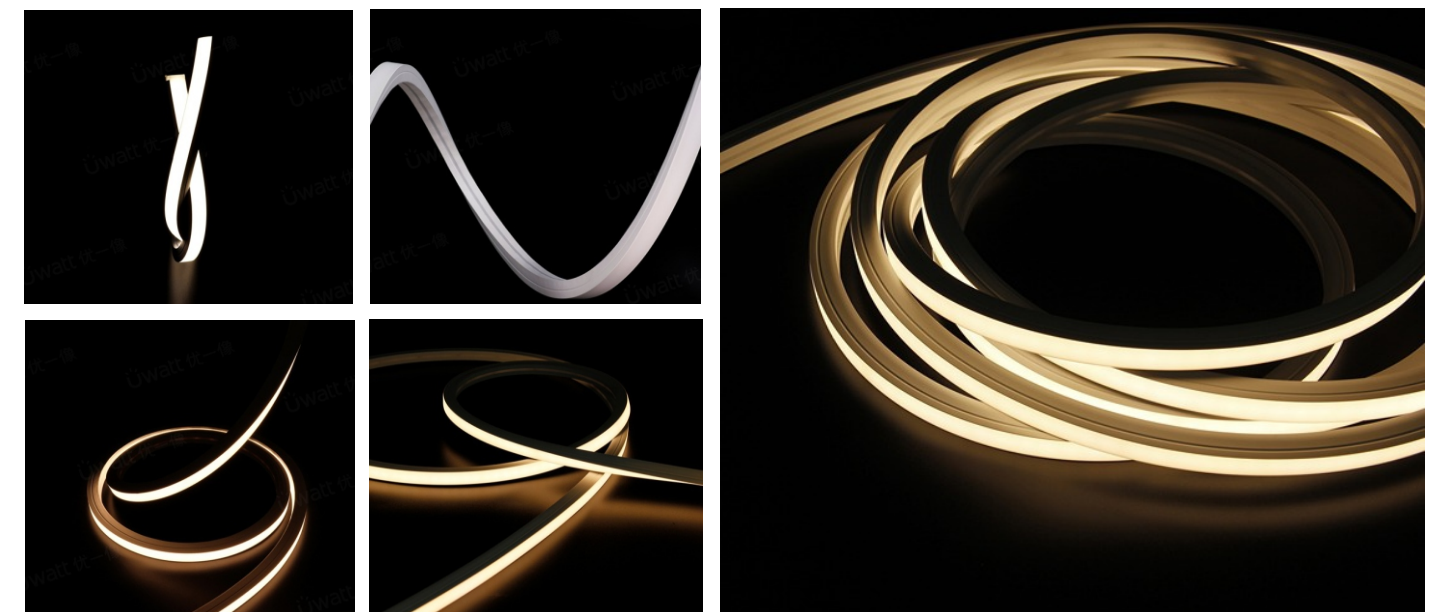
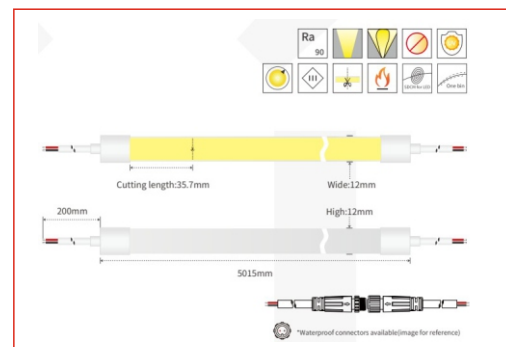
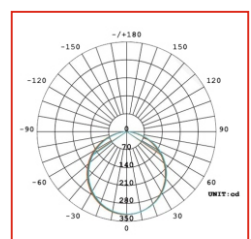


LED NEON FLEX

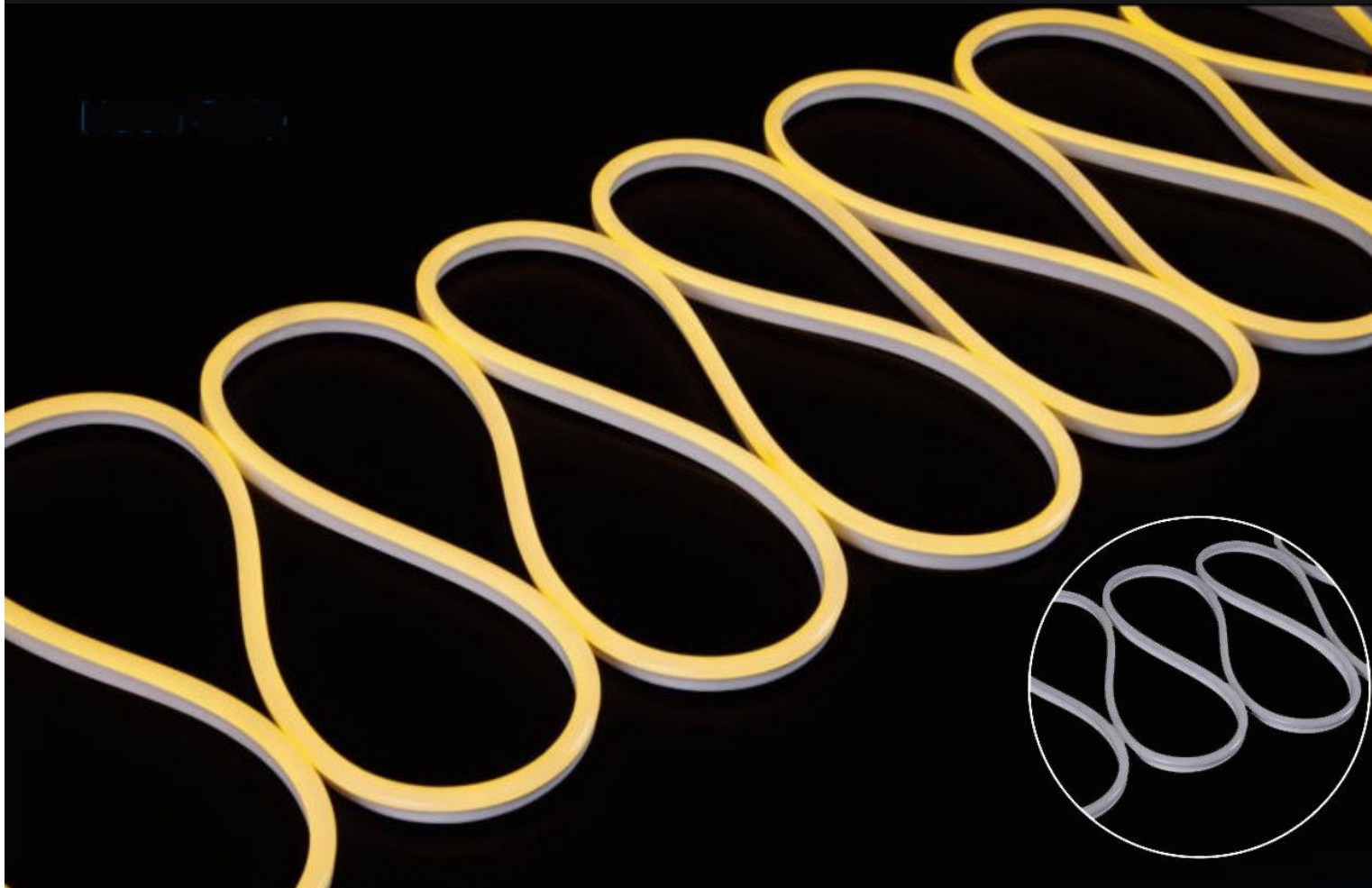


TECHNICAL DATA

| | |
|---------------------|--|
| Product | LED Neon Flex |
| LED Type | 2835 |
| Beam Angle | Diffused |
| Led/M | 140 |
| Bending Direction | 3D |
| Color | Static Color-White |
| Power Per Meter | 12W |
| Control Mode | Switch/Dimming |
| Working Temperature | -20°C-45°C |
| Voltage | DC24V |
| Lumens Output | 2700K-748lm/M 3000K-798lm/M 4000K-845lm/M 6000K-890im/M |



LED NEON FLEX



TECHNICAL DATA

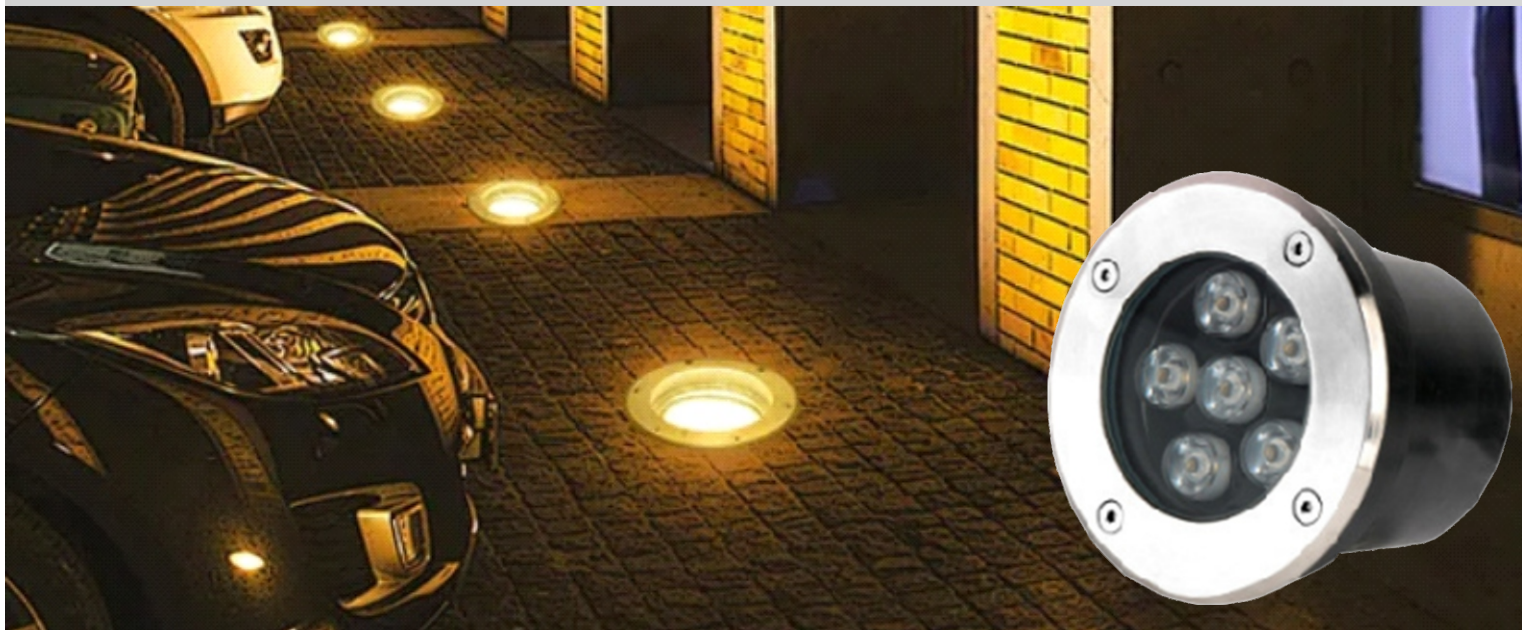
| | |
|----------------------|--|
| Product | LED Neon Flex |
| LED Type | 2835 |
| Beam Angle | Diffused |
| LED Quantity | 120/M |
| Power | 8W/Meter |
| CRI | 60~80 |
| Product Size in (mm) | 80X160 |
| IP Rating | IP 67 |
| Lumen | 958 Lumen / Meter Efficiency |
| CCT | 2700K/3500K/4500K/6500K/Red/Green/Yellow/Blue/Pink |



IP20 non-waterproof
 IP65 silicon dropped/silicon tube
 IP68 silicon tube+silicon gel



LED GROUND BURIAL LIGHT



LED RGB Ground Burial

FEATURES

- LED buried lamp small size, low power consumption, long life, durable
- Easy installation, elegant and unique, leakproof, waterproof can get to IP67
- Quality waterproof connector, silicone seal, tempered glass

APPLICATION

- Squares
- Parks
- Garden
- Pedestrian street decorative
- Landscape lighting

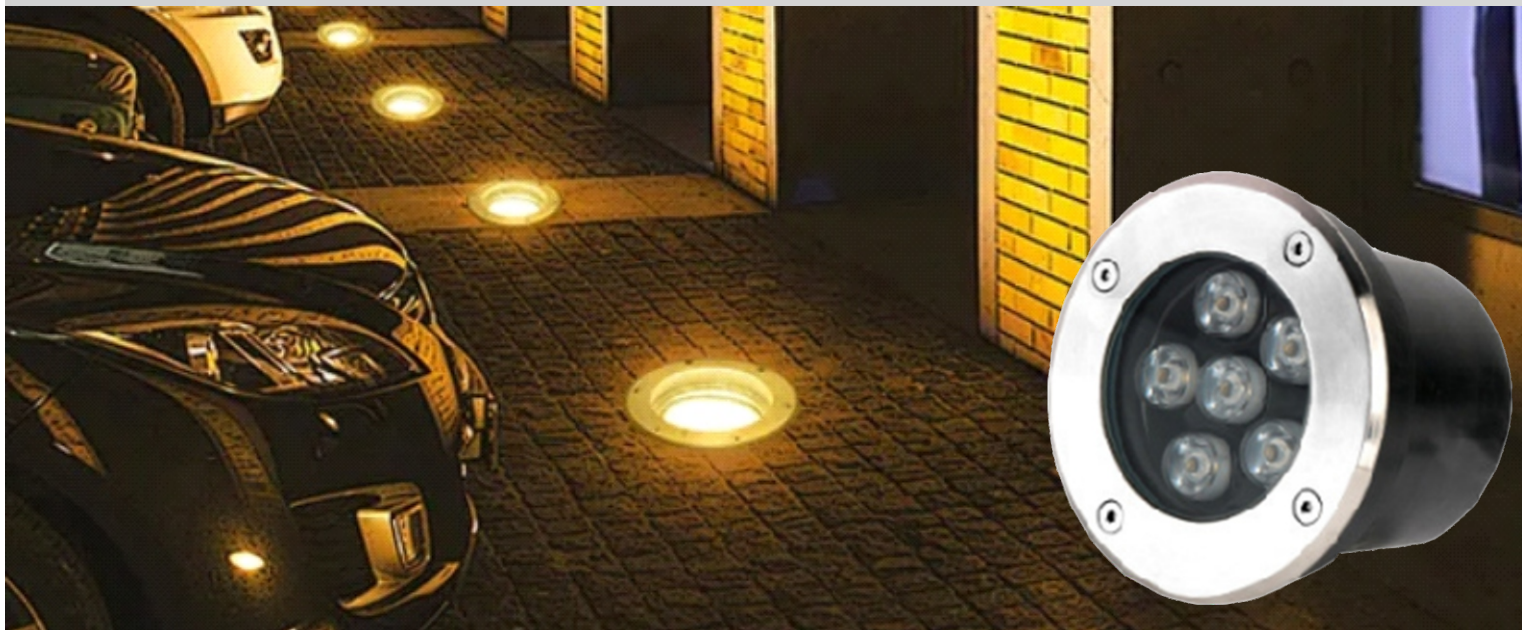


TECHNICAL DATA

| | |
|---------------------|---|
| Product | LED Ground Burial Light |
| Model Parameter | OMPL-LGB/RGBW/xW/xK/xD/xC |
| Wattage | 1W/3W/5W/7W/9W/12W/15W/18W/24W |
| Input Voltage Range | DC24V |
| Color Temperature | RGBW |
| IP Rating | Ip65 |
| PF & Ra | PF:0.5 |
| LED Source | Epistar |
| Material | Die-casting Aluminium |
| Product Size | 1W, f65 *80mm 3W, f100 *90mm 5W, f120 *90mm 7W, f150 *90mm 9W, f160 *90mm 12W, f180 *90mm 15W, f200 *90mm 18W, f220 *90mm 24W, f250 *90mm |
| Warranty | 3 Years |



LED GROUND BURIAL LIGHT



LED Ground Burial

FEATURES

- LED buried lamp small size, low power consumption, long life, durable
- Easy installation, elegant and unique, leakproof, waterproof can get to IP67
- Quality waterproof connector, silicone seal, tempered glass

APPLICATION

- Squares
- Parks
- Garden
- Pedestrian street decorative
- Landscape lighting



TECHNICAL DATA

| | |
|---------------------|---|
| Product | LED Ground Burial Light |
| Model Parameter | OMPL-LGB/MC/xW/xK/xD/xC |
| Wattage | 1W/3W/5W/7W/9W/12W/15W/18W/24W |
| Input Voltage Range | DC24V |
| Color Temperature | 3000K / 4000K / 6500K |
| IP Rating | Ip65 |
| PF & Ra | PF:0.5, Ra70 |
| Luminous Efficiency | 100LM/W±10% |
| LED Source | Epistar |
| Material | Die-casting Aluminium |
| Product Size | 1W, f65 *80mm 3W, f100 *90mm 5W, f120 *90mm 7W, f150 *90mm 9W, f160 *90mm 12W, f180 *90mm 15W, f200 *90mm 18W, f220 *90mm 24W, f250 *90mm |
| Warranty | 3 Years |



LED FOUNTAIN LIGHT



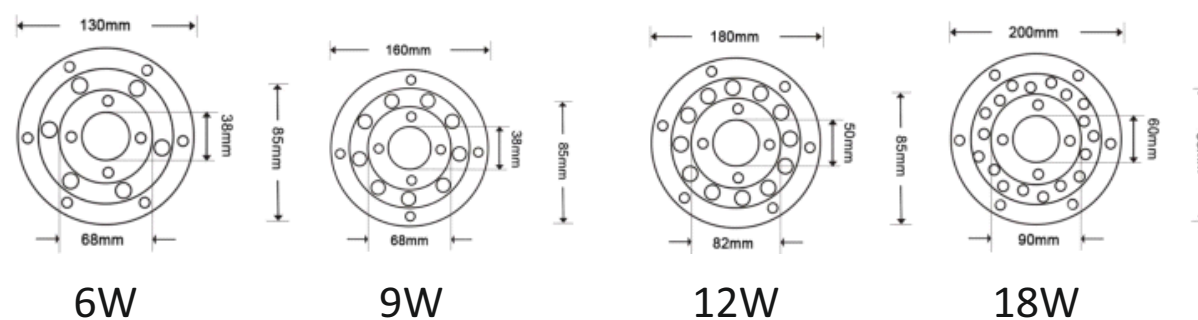
LED Underwater RGBW Light

FEATURES

- Stainless steel cover+die cast aluminum lamp body, more durable and long-lasting
- Adopting high transparency tempered glass mask strong and reliable structure with strong

APPLICATION

- Hotel
- Landscape
- Pool
- Fountain
- Garden



TECHNICAL DATA

| | |
|---------------------|--|
| Product | LED Fountain Light |
| Model Parameter | OMPL-LUWL/RGBW/xW/xK/xD/xC |
| Wattage | 6W/9W/12W/18W |
| Input Voltage Range | DC24V |
| Color Temperature | RGBW |
| IP Rating | Ip68 |
| PF & Ra | PF:0.5 |
| LED Source | Epistar |
| Material | Die-casting Aluminium + 304SS |
| Product Size | 6W, f130 *85mm 9W, f160 *85mm 12W, f180 *85mm 18W, f200 *85mm |
| Warranty | 3 Years |





Product
CATALOGUE

CONTACT US

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Website: www.optiksmechatronics.in